

## Colour Glasses UFS (240-420nm)

Preformed, prepolished, and polished colour glasses YΦC/UFS (working range 240-420nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### YΦC1/UFS1

refractive index:  $n_d=1.54$

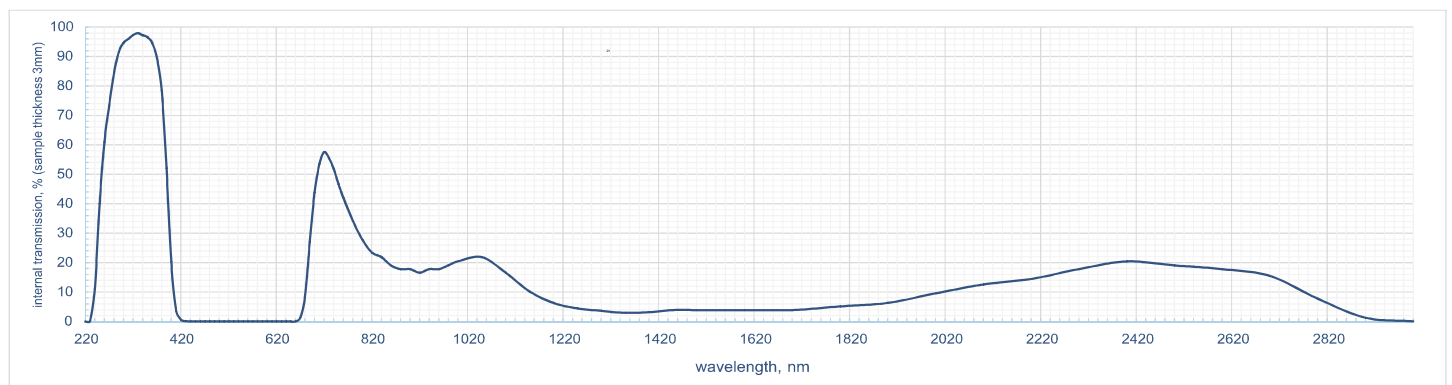
density:  $2.8\text{g/cm}^3$

transformation temperature:  $490^\circ\text{C}$

CTE:  $8.9 \times 10^{-6}/\text{K}$

>10% internal transmission: 240nm ... 405nm

>50% internal transmission: 255nm ... 390nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### YΦC2/UFS2

refractive index:  $n_d=1.56$

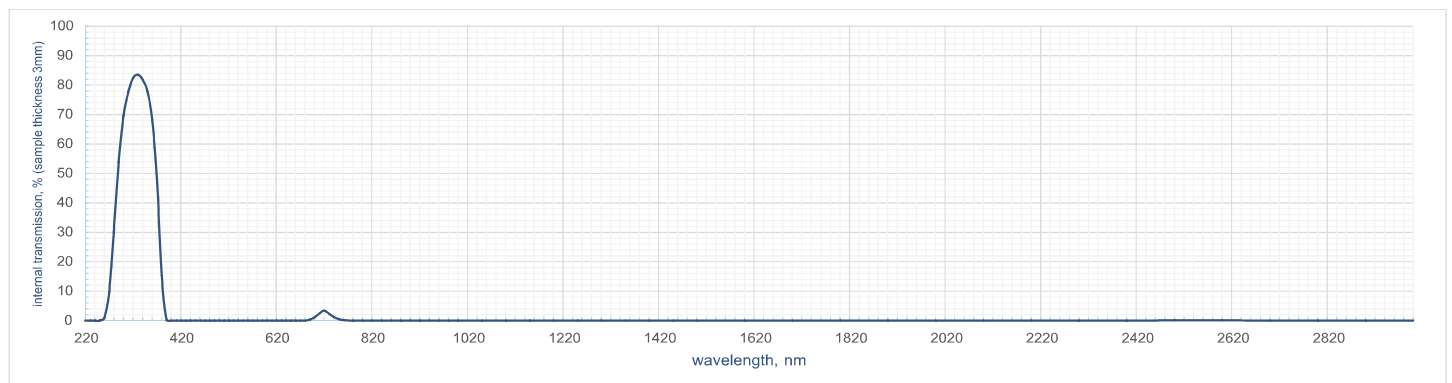
density:  $2.7\text{g/cm}^3$

transformation temperature:  $480^\circ\text{C}$

CTE:  $9.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 275nm ... 385nm

>50% internal transmission: 285nm ... 365nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### YΦC6/UFS6

refractive index:  $n_d=1.52$

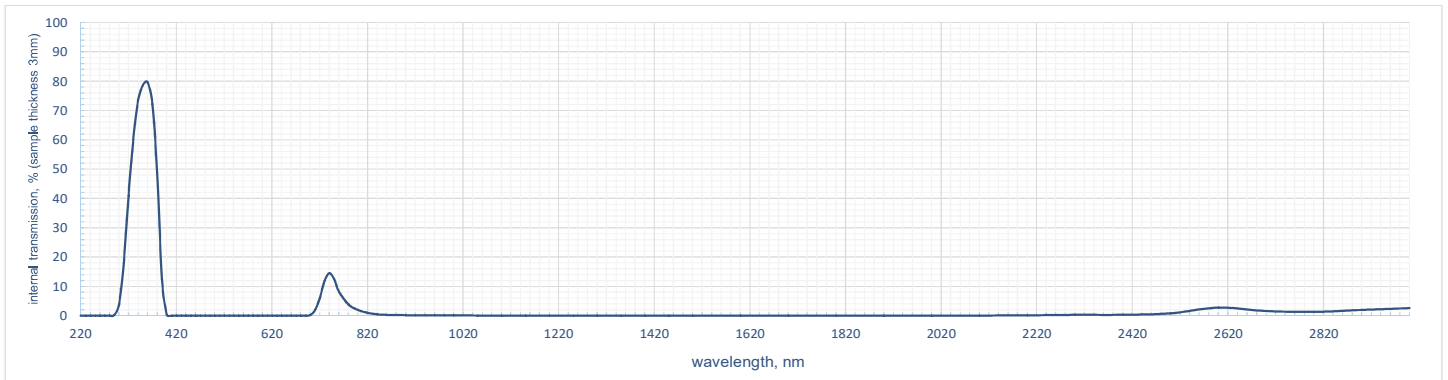
density:  $2.6\text{g/cm}^3$

transformation temperature:  $490^\circ\text{C}$

CTE:  $9.2 \times 10^{-6}/\text{K}$

>10% internal transmission: 305nm ... 390nm

>50% internal transmission: 325nm ... 380nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses FS (290-460nm)

Preformed, prepolished, and polished colour glasses  $\Phi$ C/FS (working range 290-460nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### $\Phi$ C1/FS1

refractive index:  $n_d=1.52$

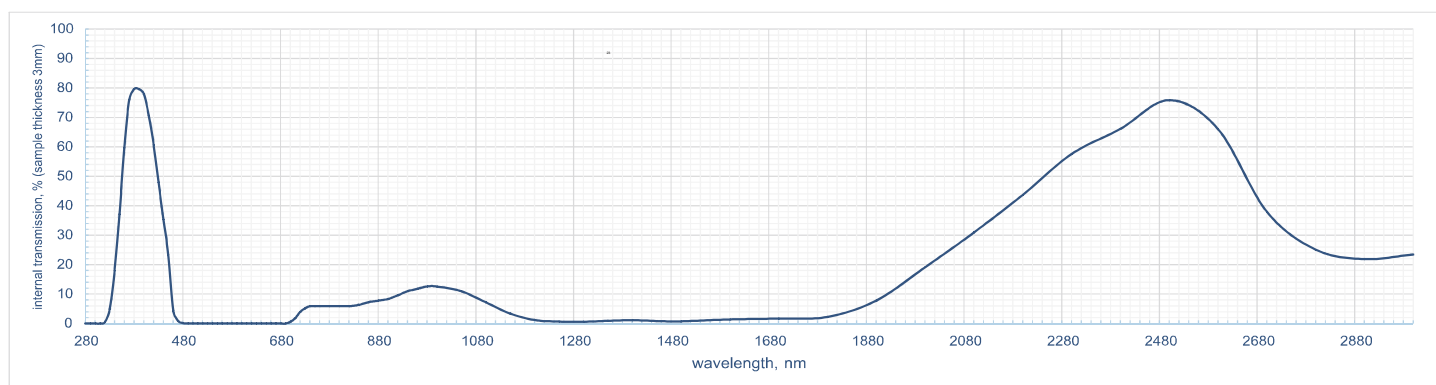
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 335nm ... 455nm

>50% internal transmission: 355nm ... 430nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### $\Phi$ C6/FS6

refractive index:  $n_d=1.50$

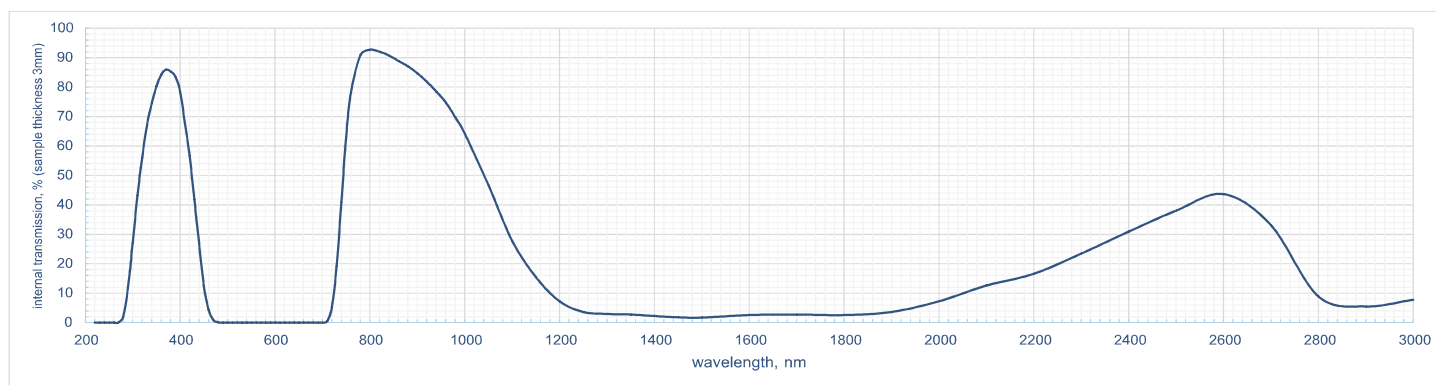
density:  $2.4\text{g/cm}^3$

transformation temperature:  $600^\circ\text{C}$

CTE:  $5.9 \times 10^{-6}/\text{K}$

>10% internal transmission: 290nm ... 450nm

>50% internal transmission: 315nm ... 425nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses SS (305-650nm)

Preformed, prepolished, and polished colour glasses CC/SS (working range 305-650nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### CC1/SS1

refractive index:  $n_e=1.53$

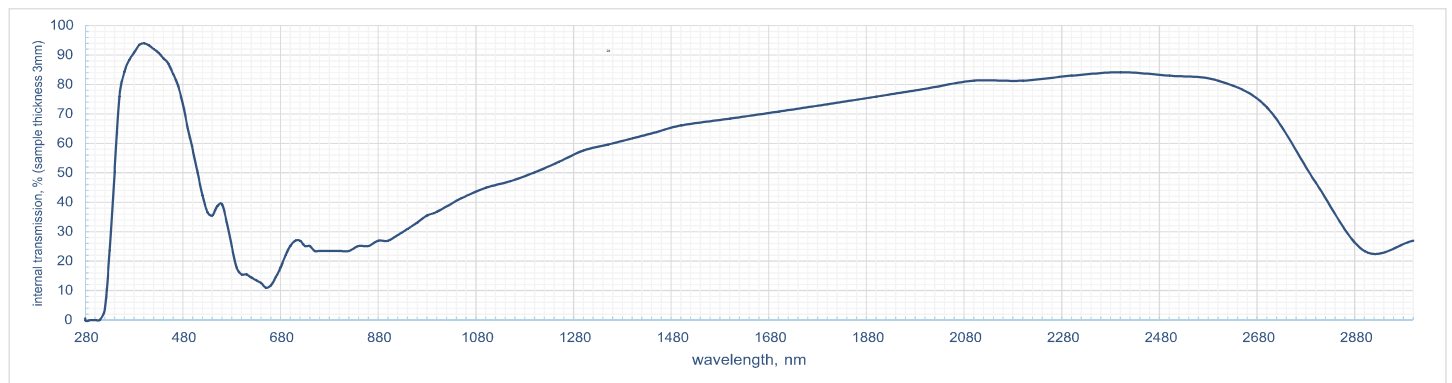
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 325nm ... 650nm

>50% internal transmission: 340nm ... 510nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### CC2/SS2

refractive index:  $n_e=1.52$

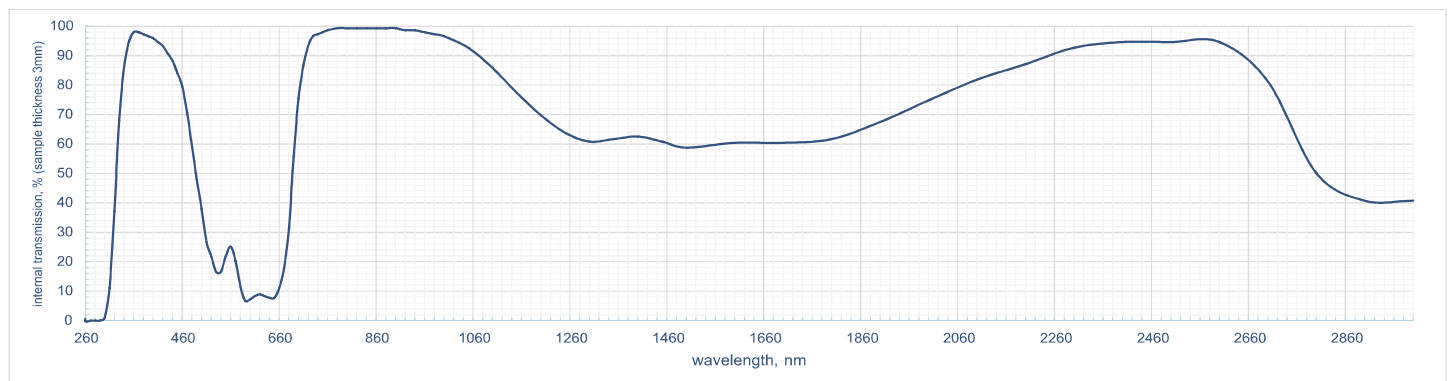
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 310nm ... 580nm

>50% internal transmission: 325nm ... 485nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**CC4/SS4**

refractive index:  $n_d=1.52$

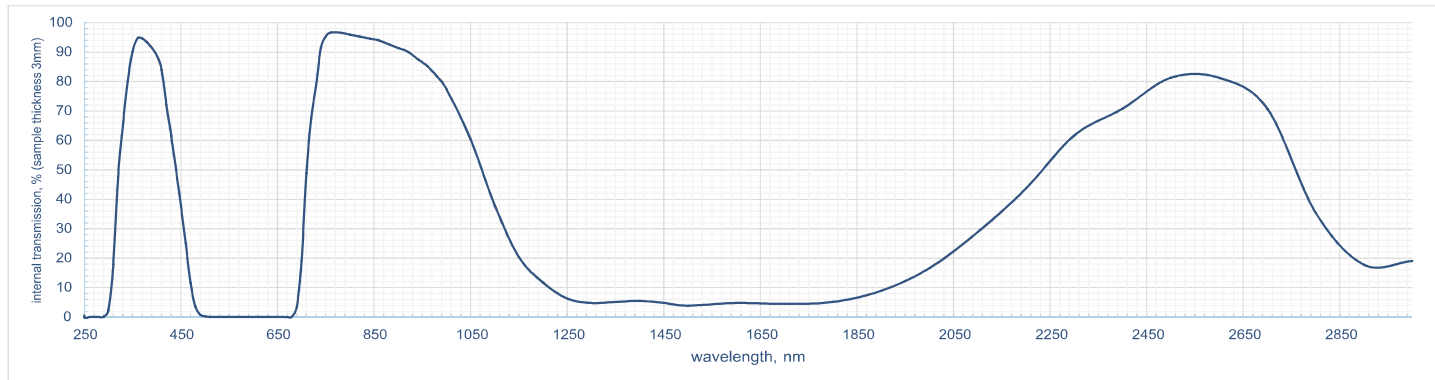
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.4 \times 10^{-6}/\text{K}$

>10% internal transmission: 305nm ... 470nm

>50% internal transmission: 325nm ... 440nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**CC5/SS5**

refractive index:  $n_e=1.59$

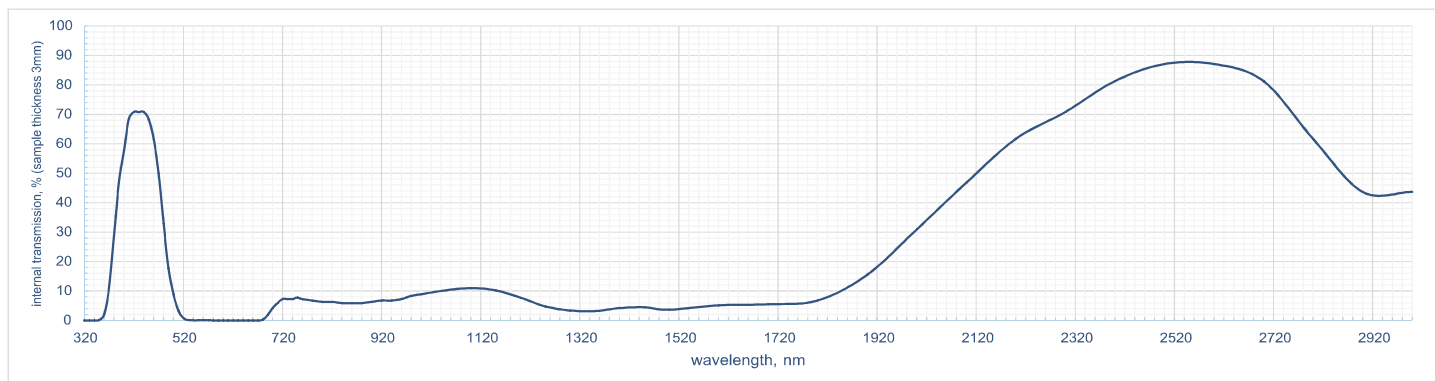
density:  $3.3\text{g/cm}^3$

transformation temperature:  $470^\circ\text{C}$

CTE:  $8.9 \times 10^{-6}/\text{K}$

>10% internal transmission: 370nm ... 500nm

>50% internal transmission: 395nm ... 470nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**CC8/SS8**

refractive index:  $n_e=1.52$

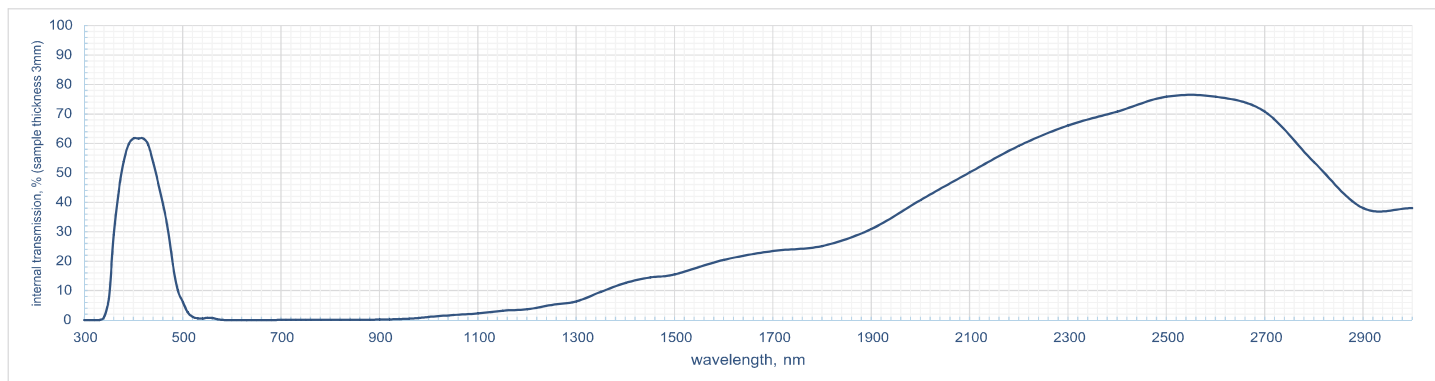
density:  $2.5\text{g/cm}^3$

transformation temperature:  $500^\circ\text{C}$

CTE:  $9.1 \times 10^{-6}/\text{K}$

>10% internal transmission: 355nm ... 490nm

>50% internal transmission: 380nm ... 445nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses SZS (335-760nm)

Preformed, prepolished, and polished colour glasses C3C/SZS (working range 335-760nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### C3C5/SZS5

refractive index:  $n_e=1.53$

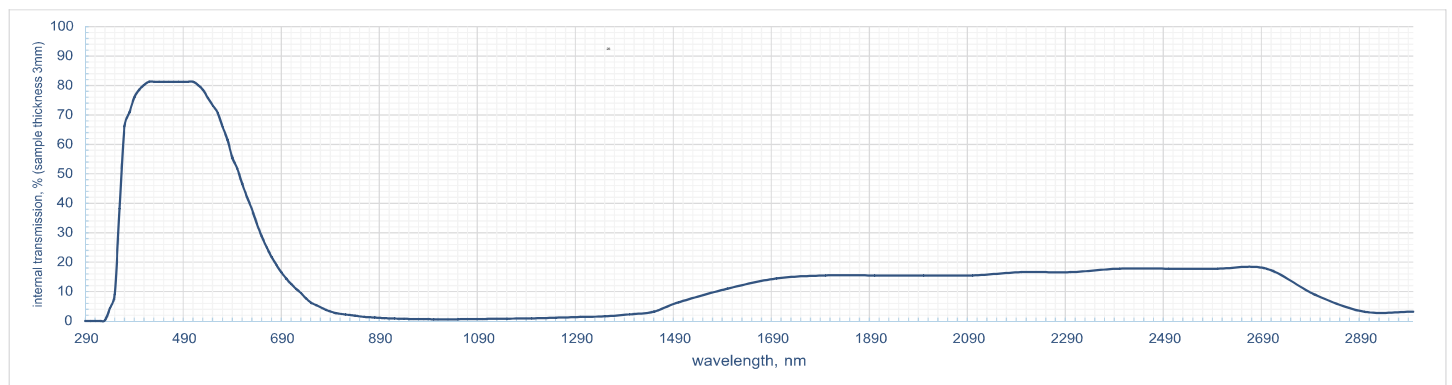
density:  $2.6\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $9.9 \times 10^{-6}/\text{K}$

>10% internal transmission: 350nm ... 720nm

>50% internal transmission: 365nm ... 605nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### C3C7/SZS7

refractive index:  $n_e=1.52$

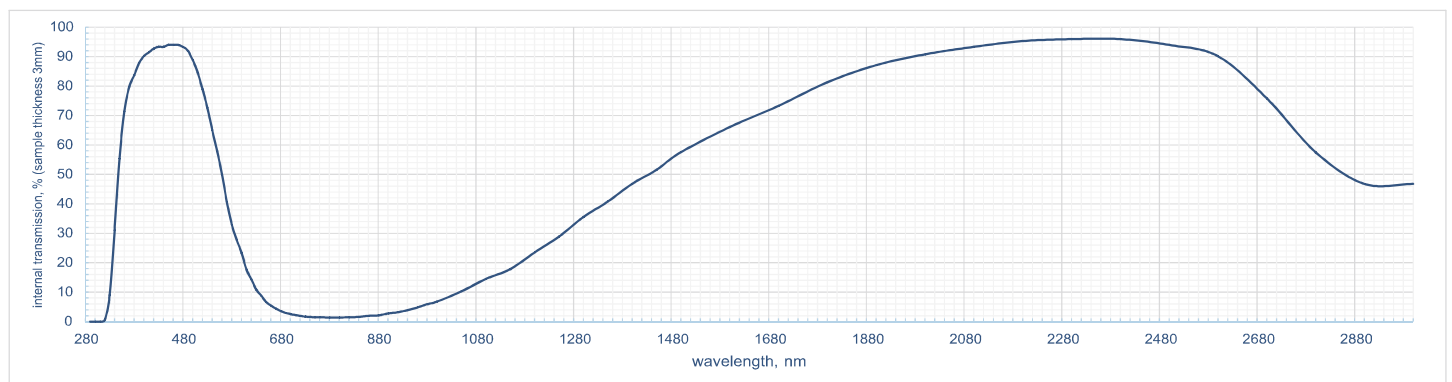
density:  $2.6\text{g/cm}^3$

transformation temperature:  $460^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 335nm ... 630nm

>50% internal transmission: 345nm ... 560nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**C3C8/SZS8**

refractive index:  $n_e=1.52$

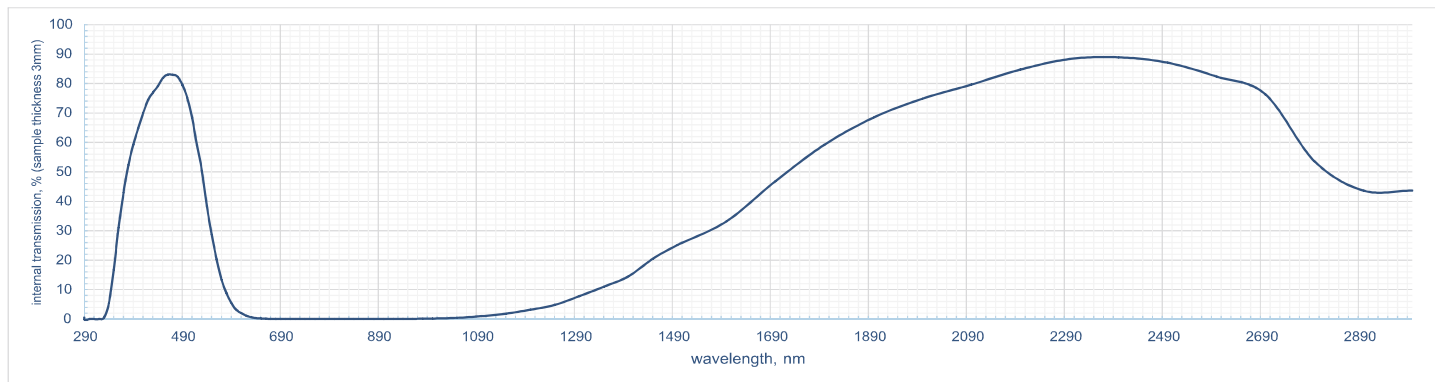
density:  $2.6\text{g/cm}^3$

transformation temperature:  $450^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 345nm ... 575nm

>50% internal transmission: 375nm ... 530nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**C3C9/SZS9**

refractive index:  $n_e=1.52$

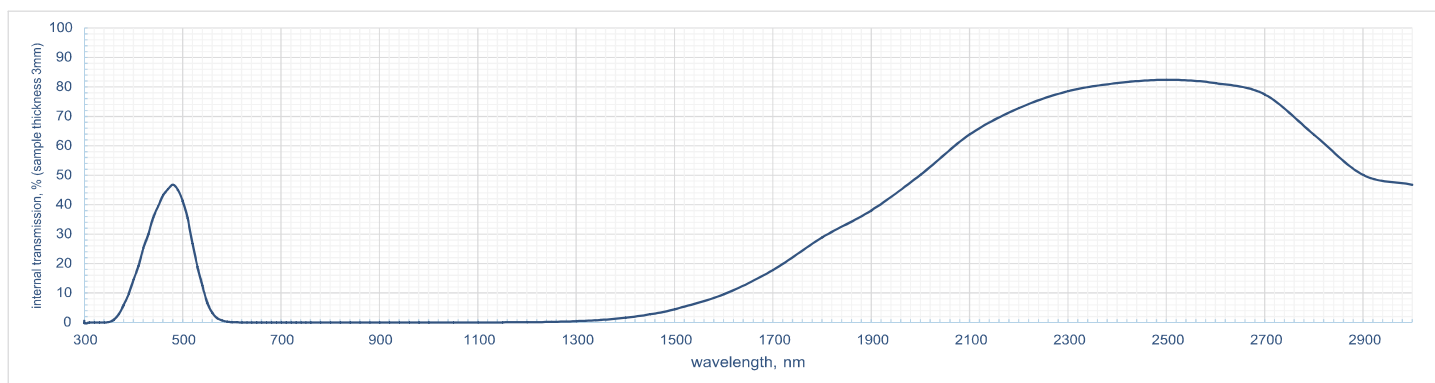
density:  $2.6\text{g/cm}^3$

transformation temperature:  $440^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 390nm ... 545nm

>50% internal transmission: -



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**C3C15/SZS15**

refractive index:  $n_e=1.53$

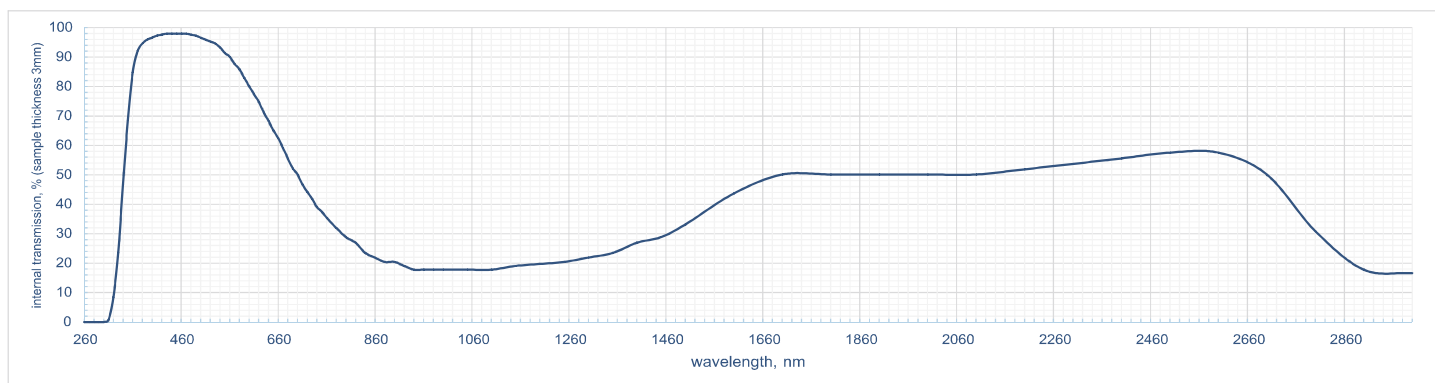
density:  $2.6\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $9.9 \times 10^{-6}/\text{K}$

>10% internal transmission: 320nm ...

>50% internal transmission: 340nm ... 700nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**C3C16/SZS16**

refractive index:  $n_e=1.52$

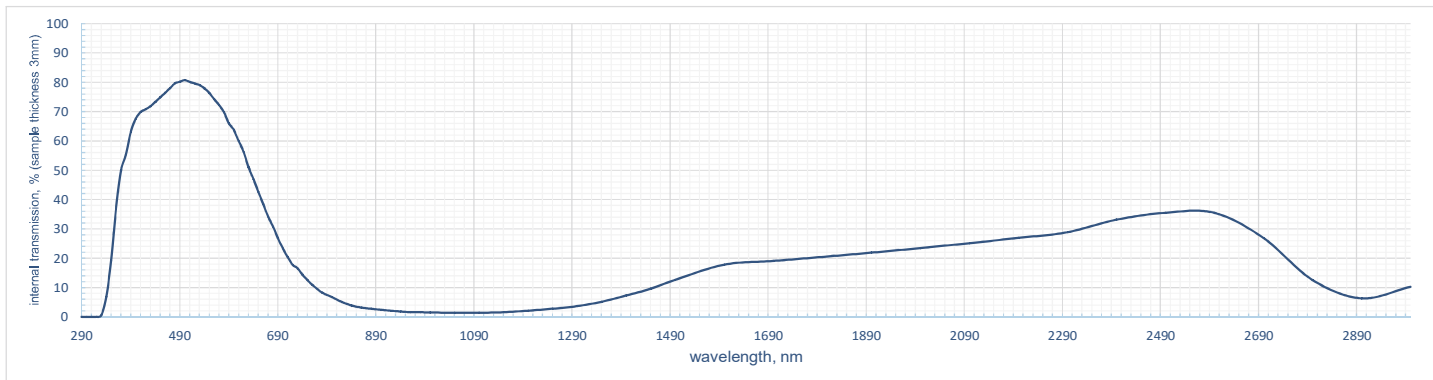
density:  $2.6\text{g/cm}^3$

transformation temperature:  $560^\circ\text{C}$

CTE:  $6.7 \times 10^{-6}/\text{K}$

>10% internal transmission: 345nm ... 760nm

>50% internal transmission: 370nm ... 630nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**C3C17/SZS17**

refractive index:  $n_e=1.52$

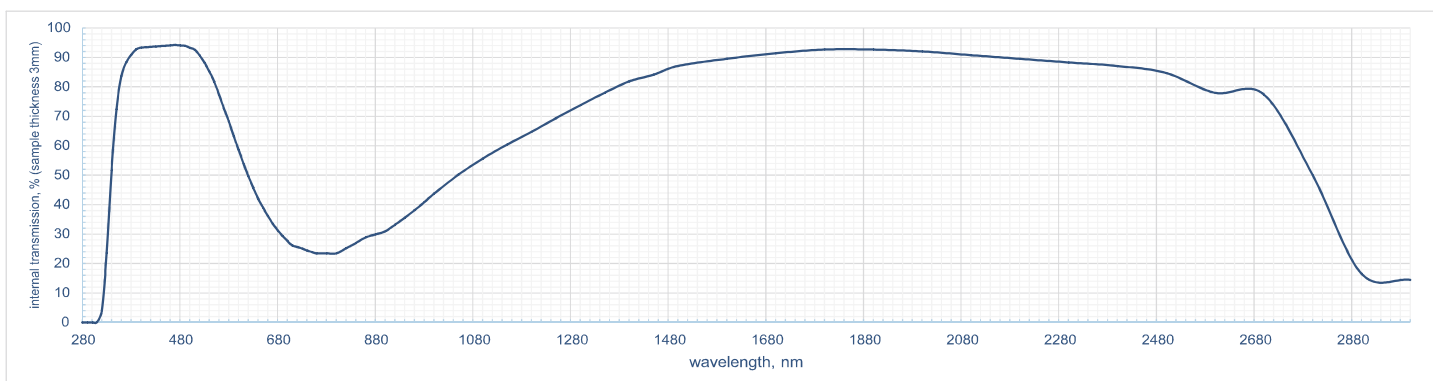
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.1 \times 10^{-6}/\text{K}$

>10% internal transmission: 325nm ...

>50% internal transmission: 340nm ... 620nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**C3C21/SZS21**

refractive index:  $n_e=1.55$

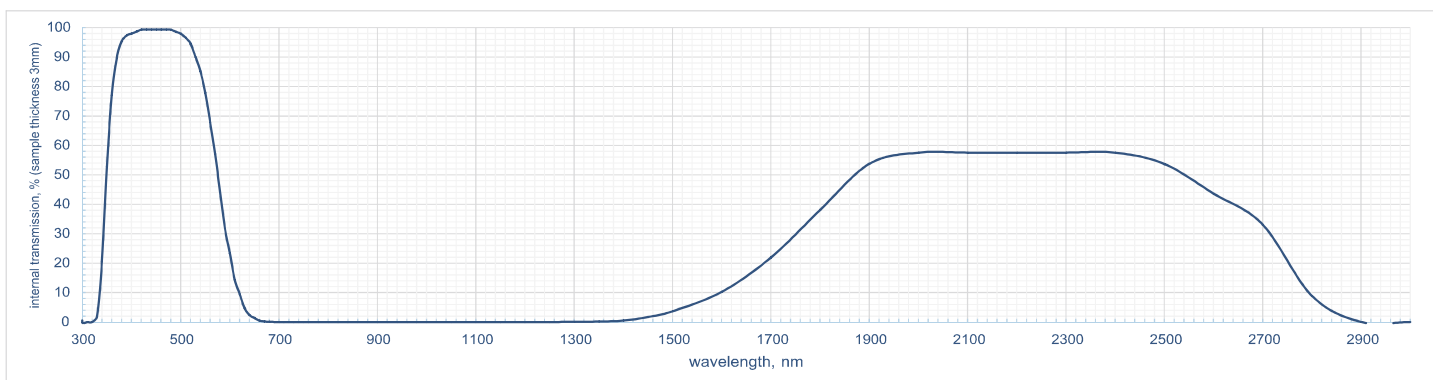
density:  $2.9\text{g/cm}^3$

transformation temperature:  $380^\circ\text{C}$

CTE:  $10.0 \times 10^{-6}/\text{K}$

>10% internal transmission: 335nm ... 620nm

>50% internal transmission: 350nm ... 575nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8



## Colour Glasses ZS (440-690nm)

Preformed, prepolished, and polished colour glasses 3C/ZS (working range 440-690nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### 3C1/ZS1

refractive index:  $n_e=1.53$

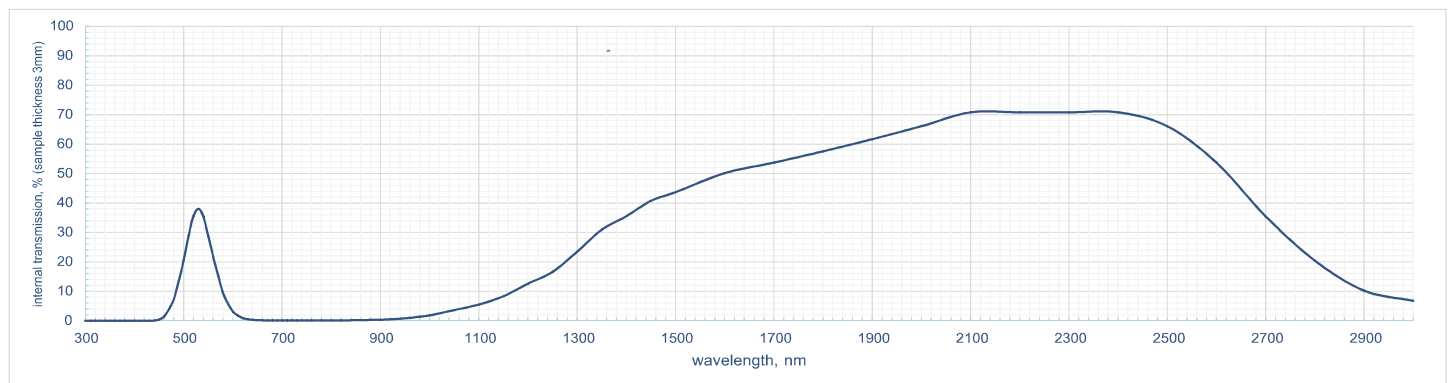
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.3 \times 10^{-6}/\text{K}$

>10% internal transmission: 485nm ... 580nm

>50% internal transmission: -



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### 3C3/ZS3

refractive index:  $n_e=1.53$

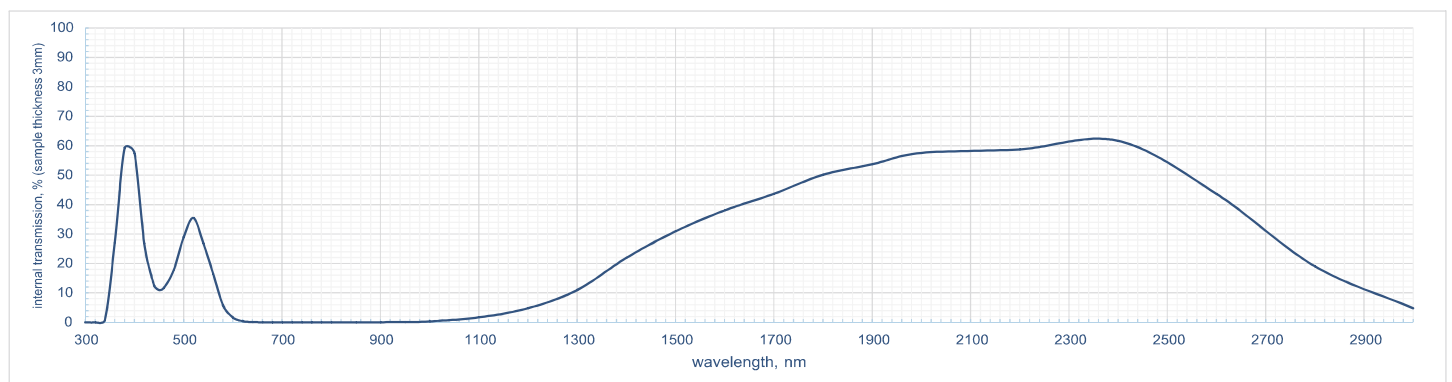
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $9.9 \times 10^{-6}/\text{K}$

>10% internal transmission: 350nm ... 570nm

>50% internal transmission: 375nm ... 405nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### 3C8/ZS8

refractive index:  $n_g=1.53$

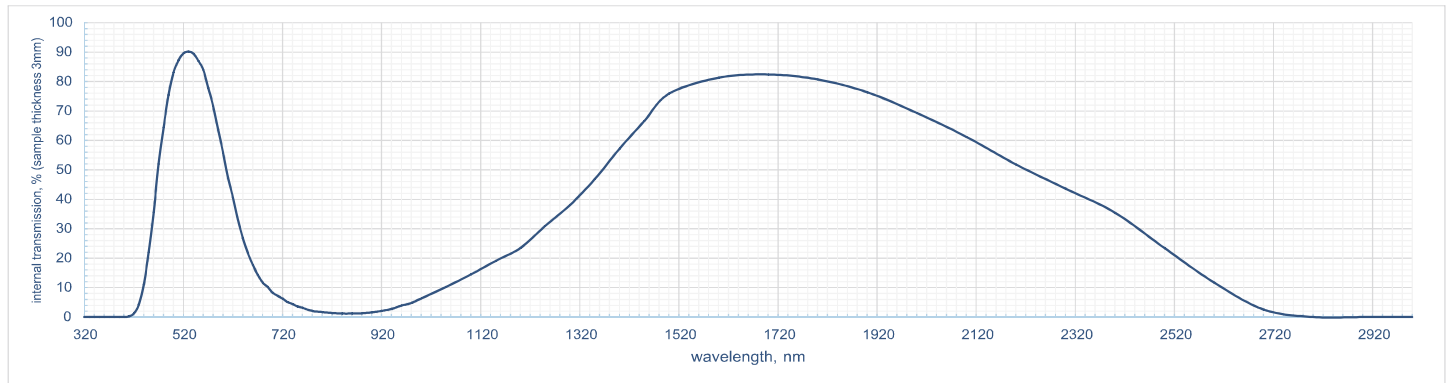
density:  $2.8\text{g/cm}^3$

transformation temperature:  $370^\circ\text{C}$

CTE:  $10.5 \times 10^{-6}/\text{K}$

>10% internal transmission: 440nm ... 690nm

>50% internal transmission: 470nm ... 605nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses ZHZS (>480nm)

Preformed, prepolished, and polished colour glasses Ж3С/ZHZS (working range over 480nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### Ж3С1/ZHZS1

refractive index:  $n_e=1.52$

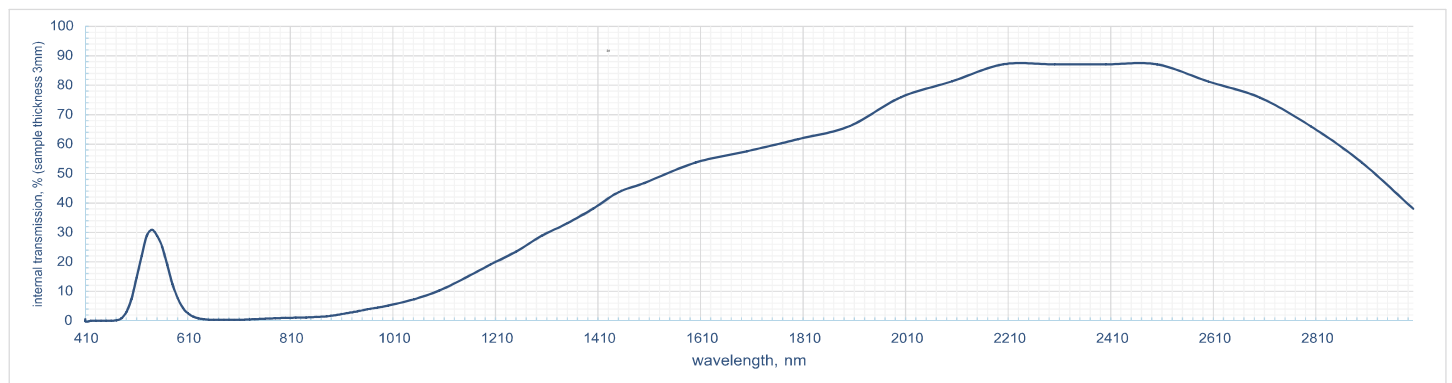
density:  $2.5\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: 505nm ... 585nm

>50% internal transmission: -



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### Ж3С5/ZHZS5

refractive index:  $n_e=1.52$

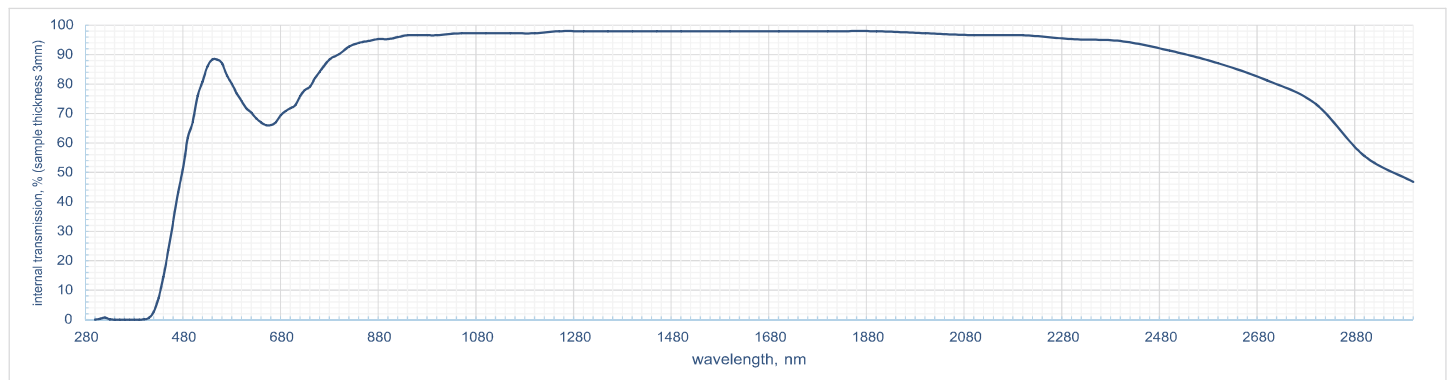
density:  $2.5\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >435nm

>50% internal transmission: >480nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### Ж3С6/ЗНЗS6

refractive index:  $n_e=1.52$

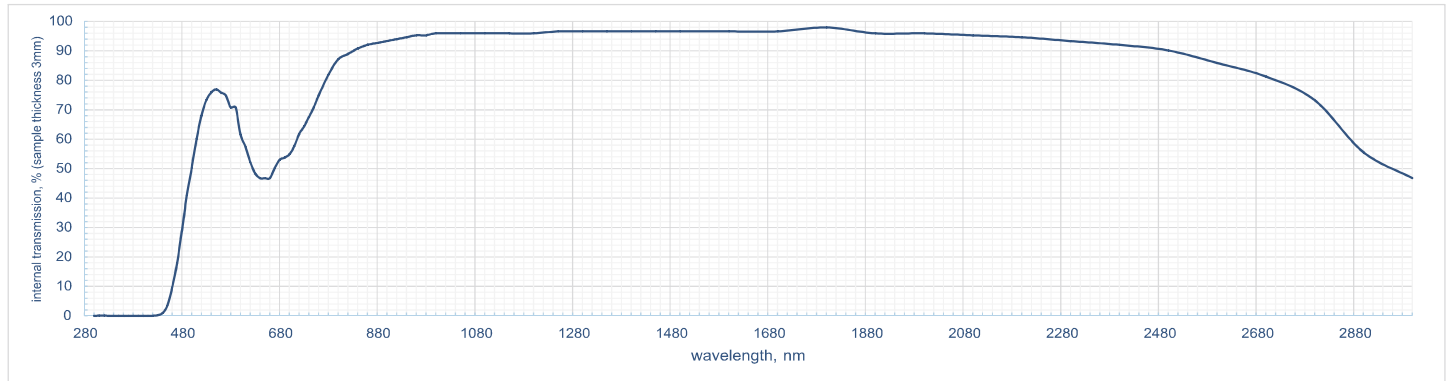
density:  $2.5\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >460nm

>50% internal transmission: 500...625nm>675nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### Ж3С9/ЗНЗS9

refractive index:  $n_e=1.52$

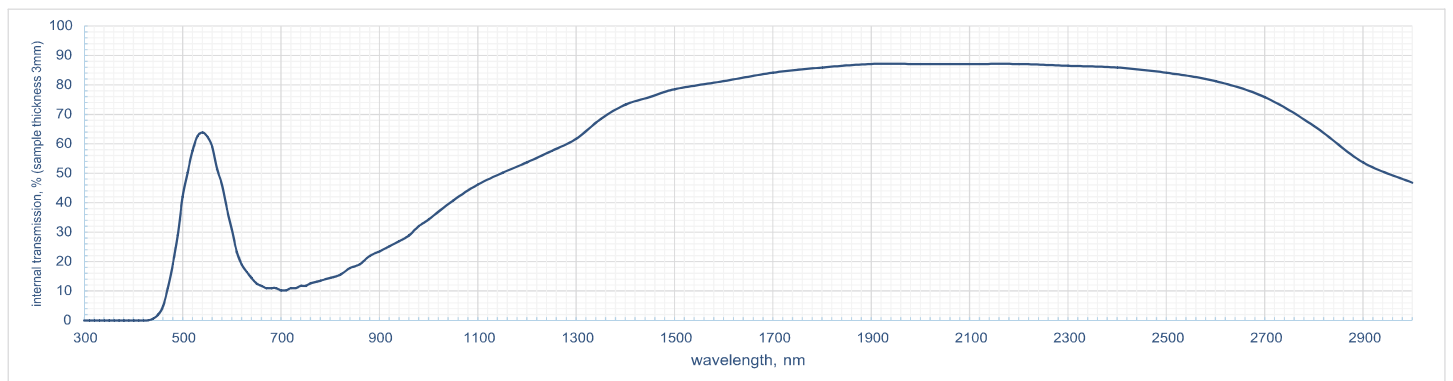
density:  $2.5\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >470nm

>50% internal transmission: 510...570nm,>1150nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses ZHS (>400nm...>515nm)

Preformed, prepolished, and polished colour glasses ЖС/ZHS (cutting spectrum with short wavelength border from 405nm up to 515nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### ЖС3/ZHS3

refractive index:  $n_d=1.54$

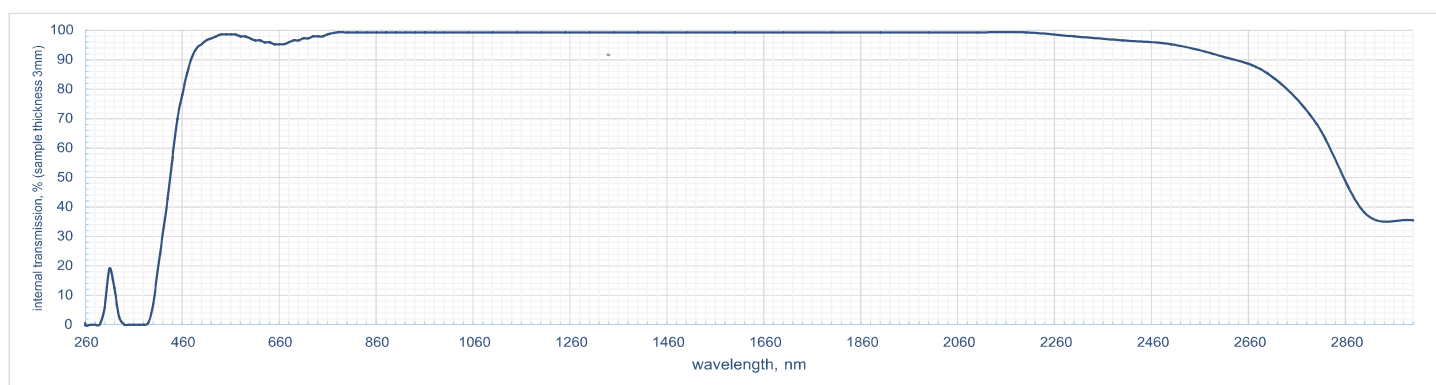
density:  $2.8\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.4 \times 10^{-6}/\text{K}$

>10% internal transmission: >405nm

>50% internal transmission: >435nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### ЖС4/ZHS4

refractive index:  $n_d=1.64$

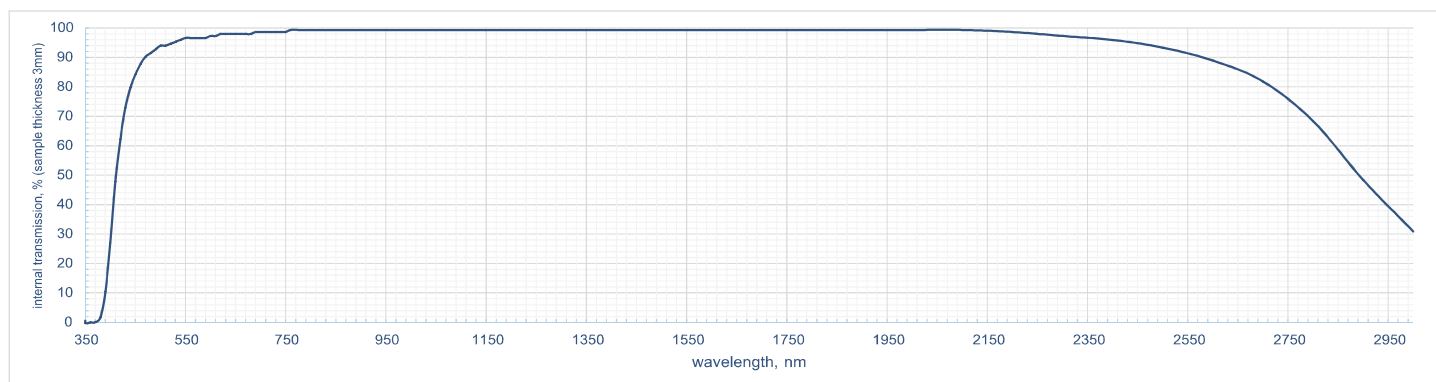
density:  $3.7\text{g/cm}^3$

transformation temperature:  $500^\circ\text{C}$

CTE:  $10.5 \times 10^{-6}/\text{K}$

>10% internal transmission: >390nm

>50% internal transmission: >410nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### XC11/ZHS11

refractive index:  $n_e=1.53$

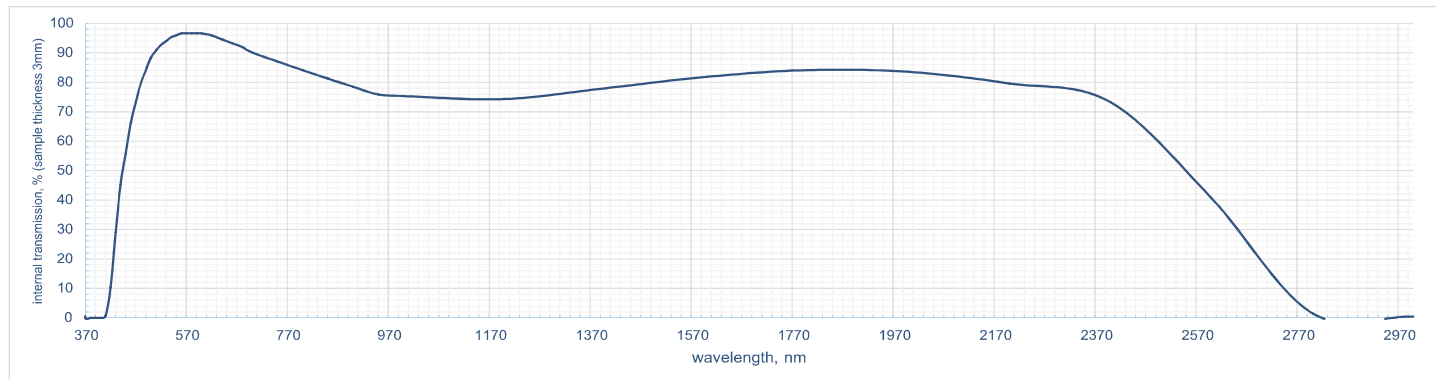
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >420nm

>50% internal transmission: >445nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### XC12/ZHS12

refractive index:  $n_e=1.53$

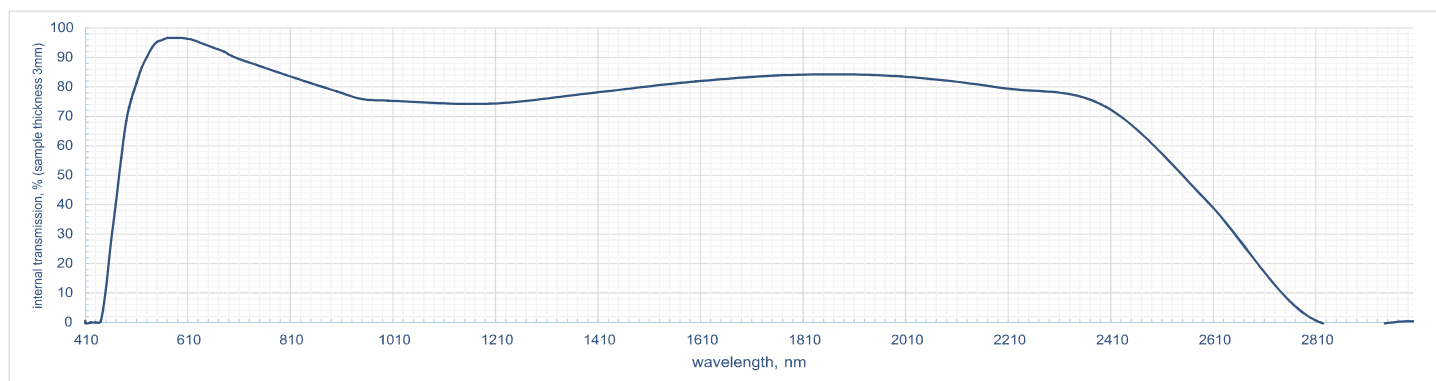
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >450nm

>50% internal transmission: >475nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### XC16/ZHS16

refractive index:  $n_e=1.53$

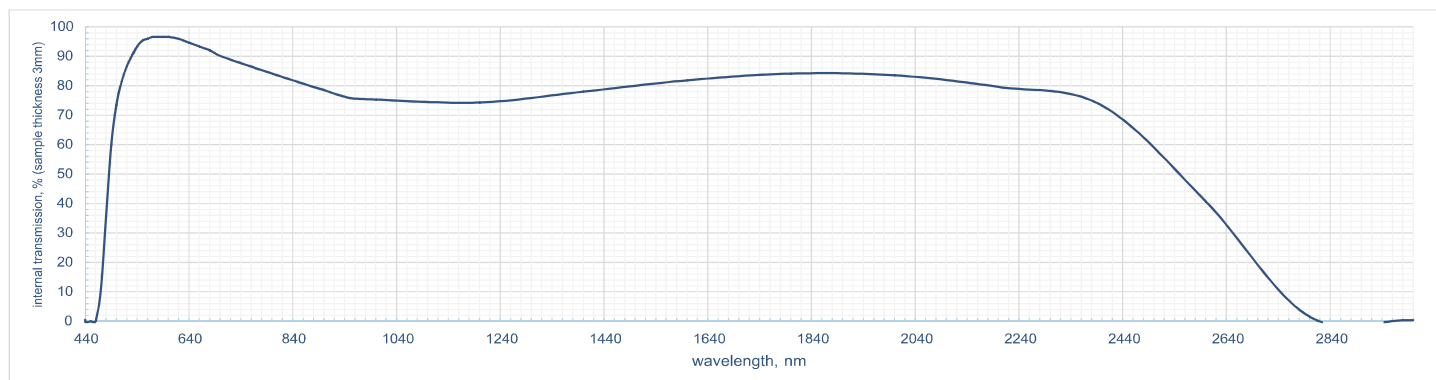
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >470nm

>50% internal transmission: >485nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**XC17/ZHS17**

refractive index:  $n_e=1.53$

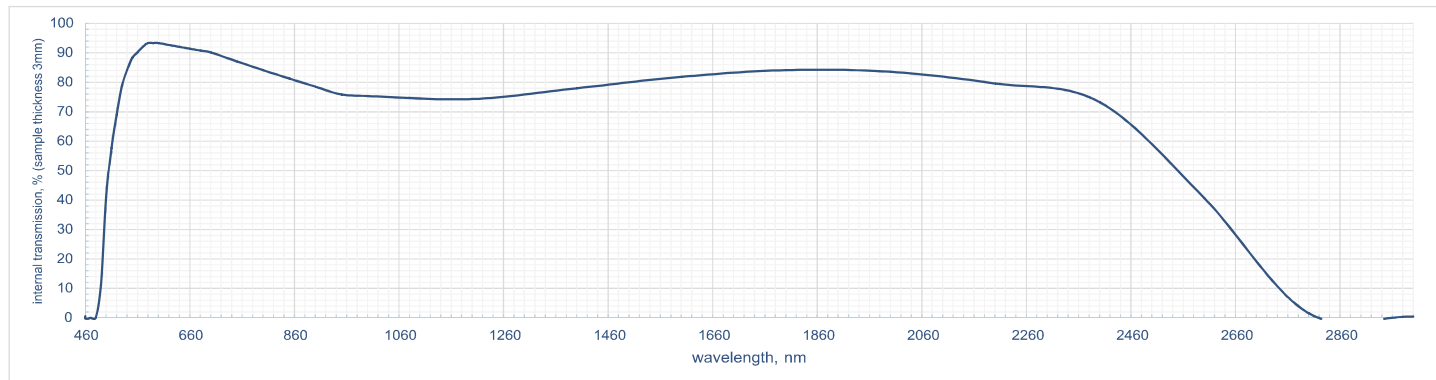
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >490nm

>50% internal transmission: >505nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**XC18/ZHS18**

refractive index:  $n_d=1.53$

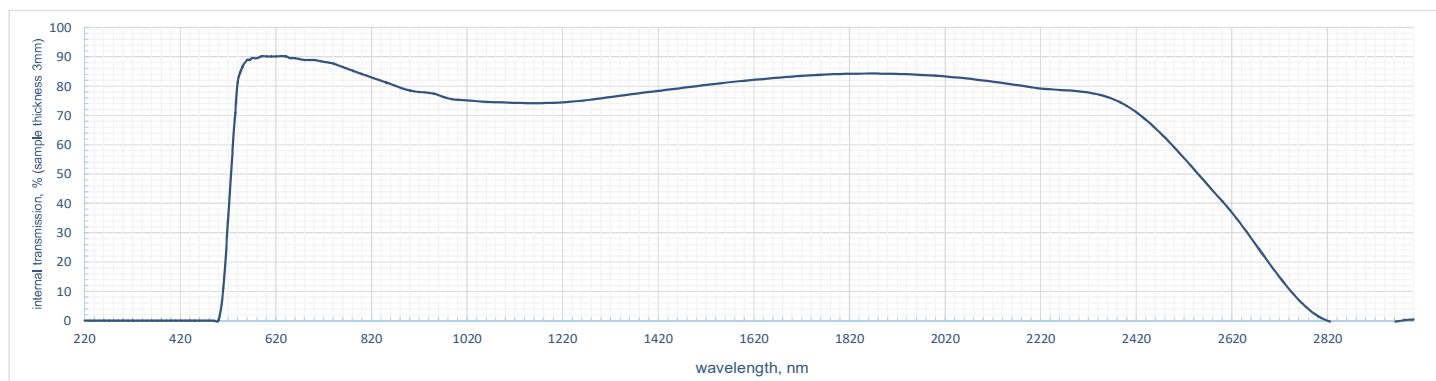
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >510nm

>50% internal transmission: >525nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**XC20/ZHS20**

refractive index:  $n_e=1.54$

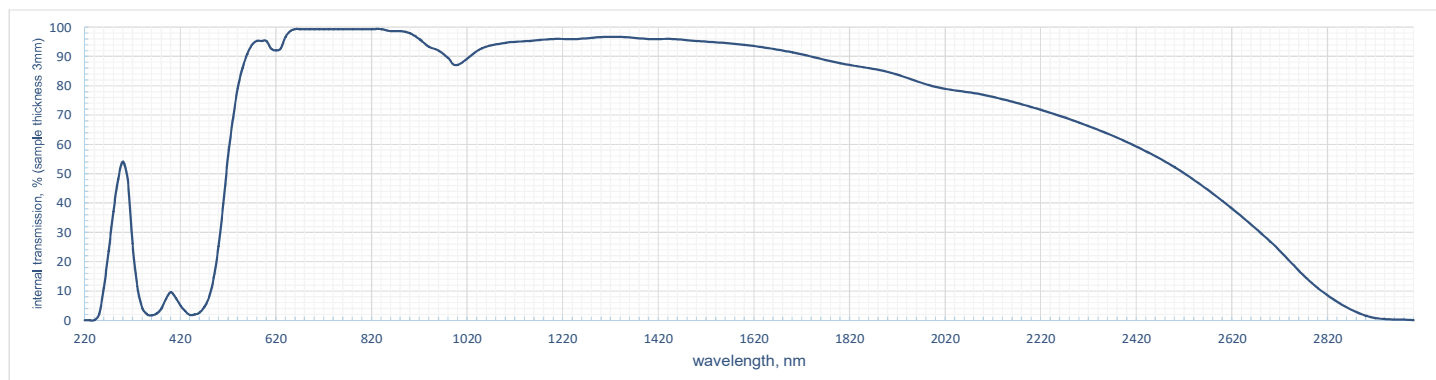
density:  $2.8\text{g/cm}^3$

transformation temperature:  $490^\circ\text{C}$

CTE:  $10.4 \times 10^{-6}/\text{K}$

>10% internal transmission: 260...330nm, >485nm

>50% internal transmission: >520nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses OS (>530nm...>590nm)

Preformed, prepolished, and polished colour glasses OC/OS (cutting spectrum with short wavelength border from 530nm up to 590nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### OC11/OS11

refractive index:  $n_e=1.53$

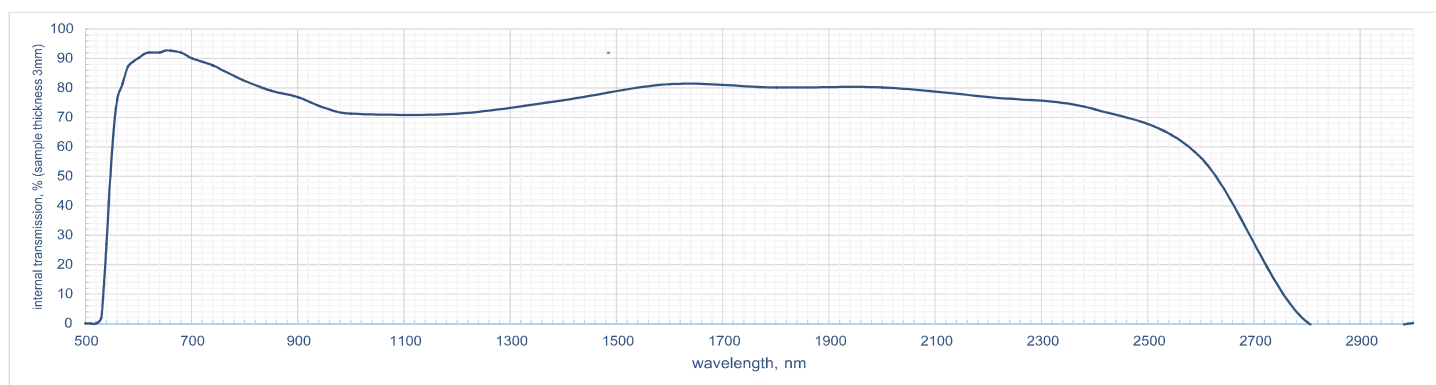
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >535nm

>50% internal transmission: >550nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### OC12/OS12

refractive index:  $n_e=1.53$

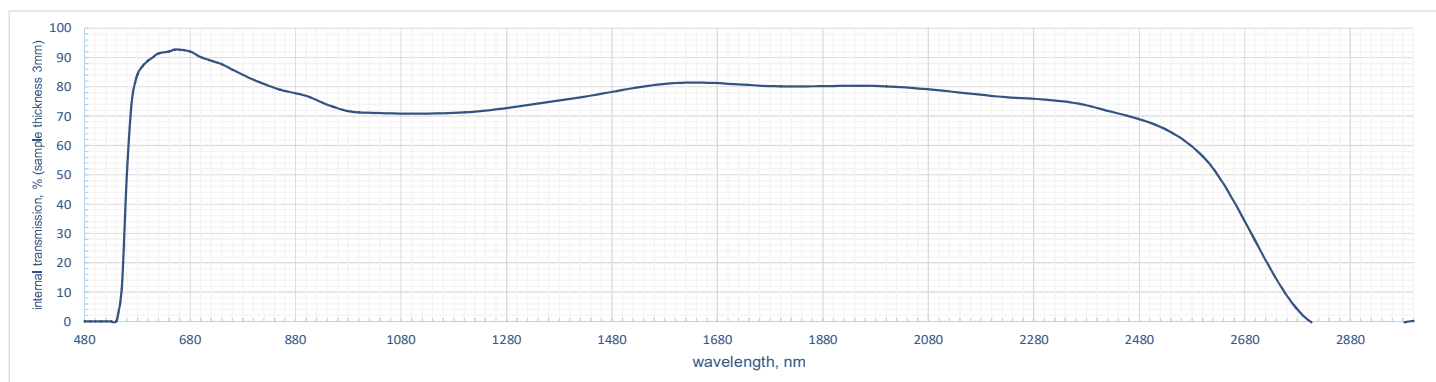
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >550nm

>50% internal transmission: >560nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8



### OC13/OS13

refractive index:  $n_e=1.53$

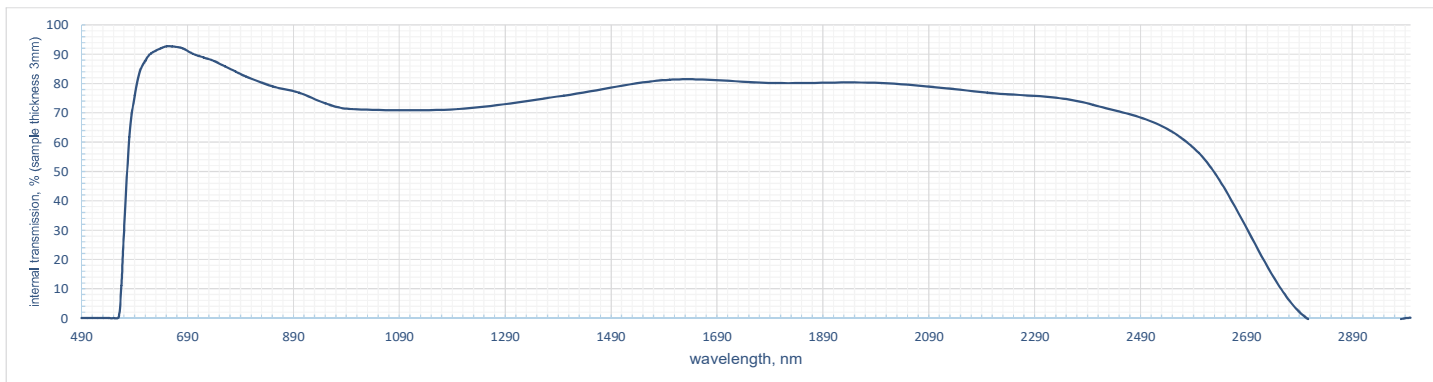
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >565nm

>50% internal transmission: >575nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### OC14/OS14

refractive index:  $n_d=1.52$

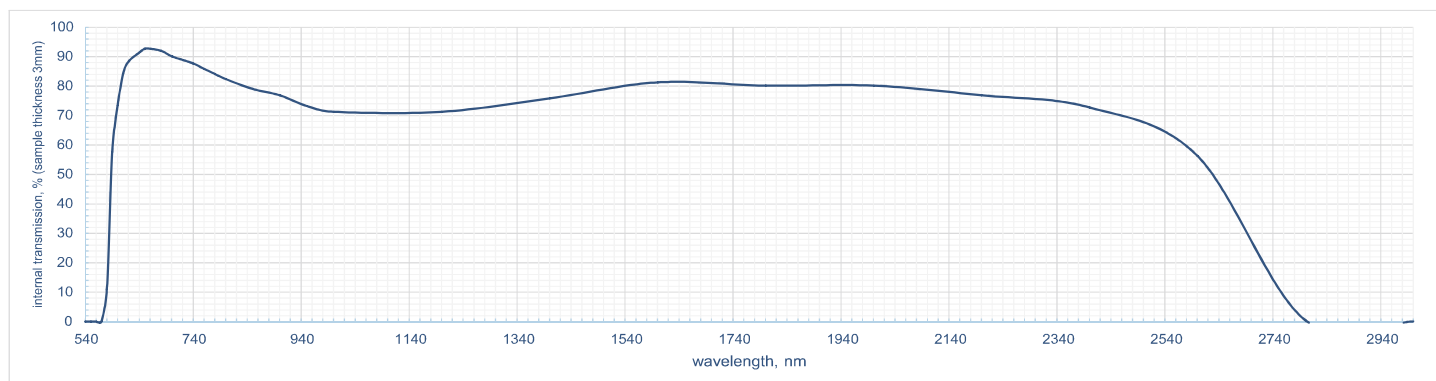
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.2 \times 10^{-6}/\text{K}$

>10% internal transmission: >580nm

>50% internal transmission: >590nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses KS (>600nm...>700nm)

Preformed, prepolished, and polished colour glasses KC/KS (cutting spectrum with short wavelength border from 600nm up to 700nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### KC10/KS10

refractive index:  $n_d=1.53$

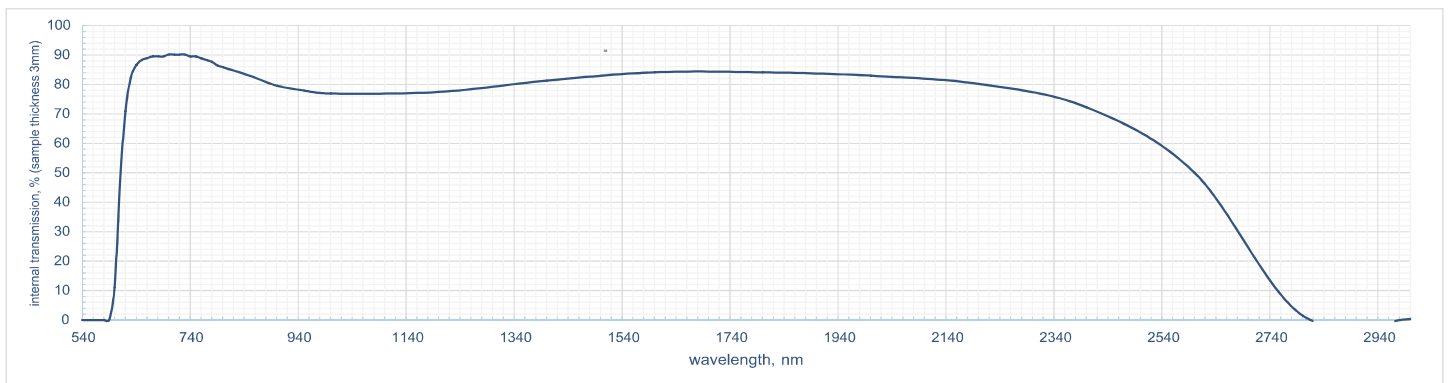
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >600nm

>50% internal transmission: >610nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### KC11/KS11

refractive index:  $n_d=1.53$

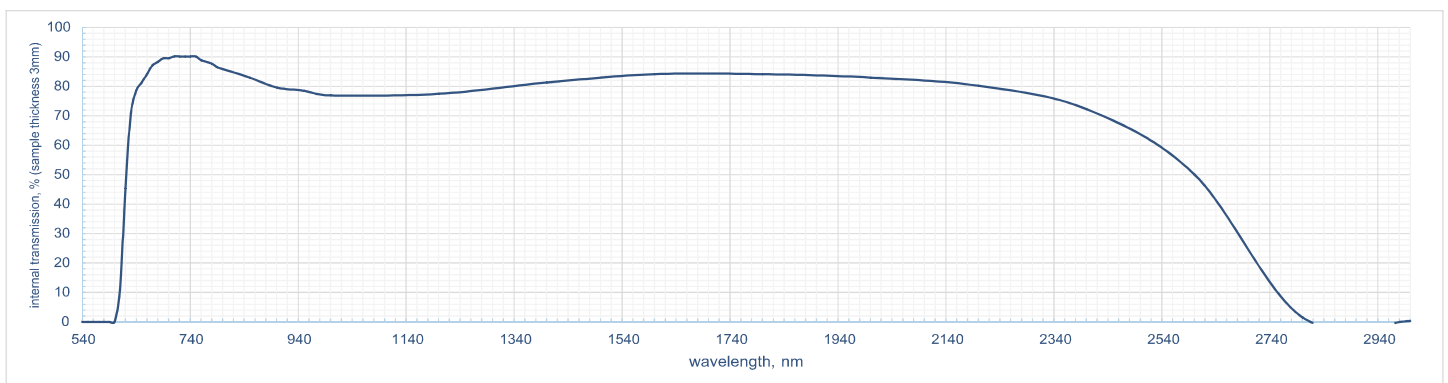
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >610nm

>50% internal transmission: >620nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**KC13/KS13**

refractive index:  $n_d=1.53$

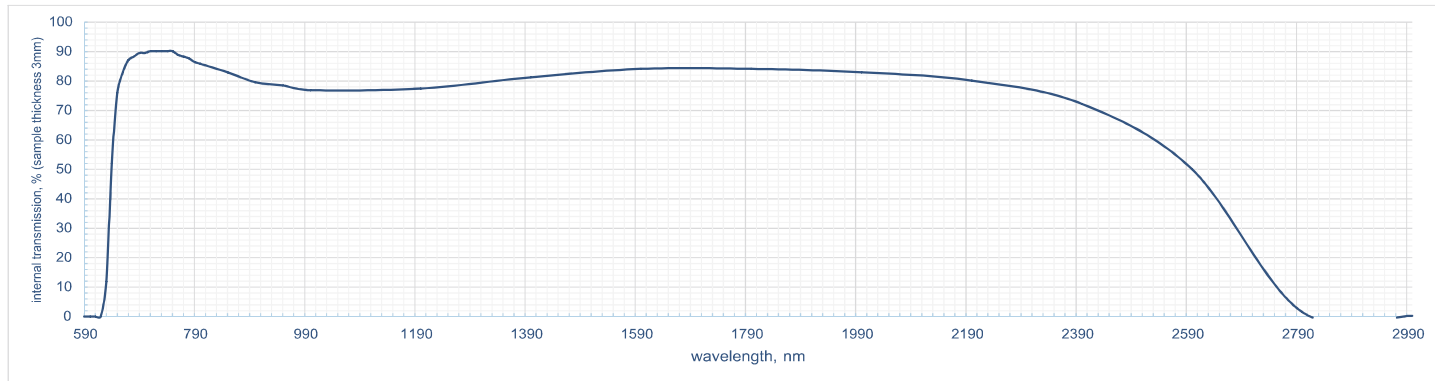
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >630nm

>50% internal transmission: >640nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**KC14/KS14**

refractive index:  $n_d=1.53$

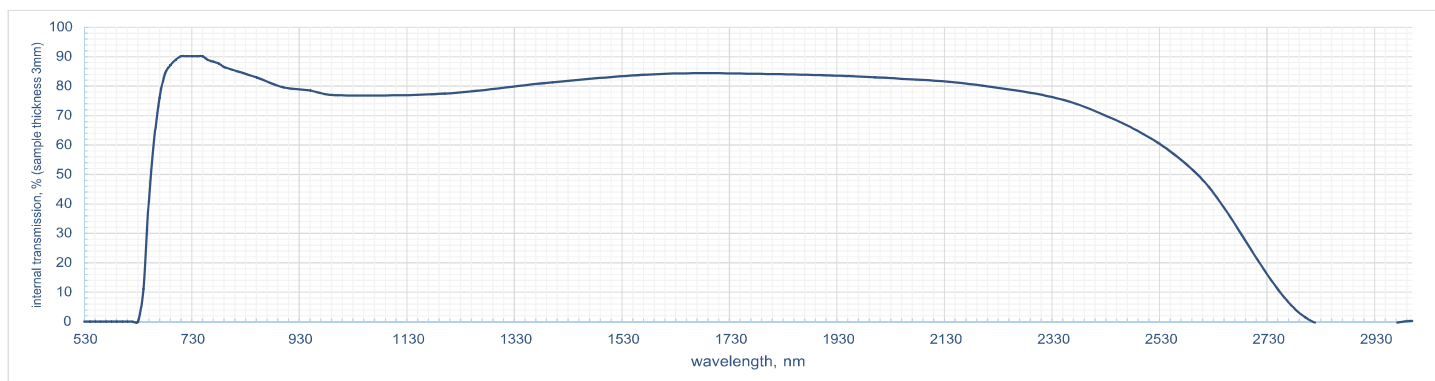
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >640nm

>50% internal transmission: >655nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**KC15/KS15**

refractive index:  $n_d=1.53$

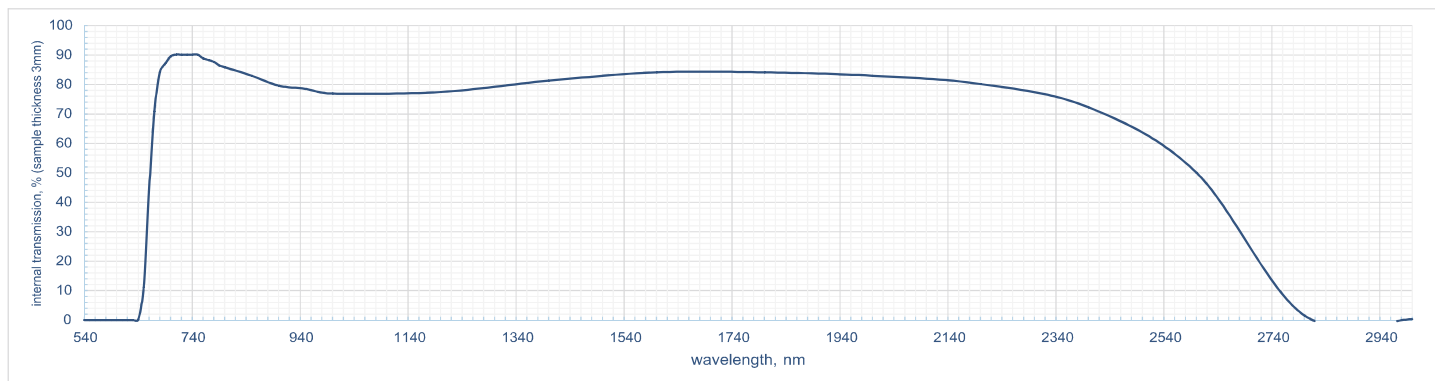
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >650nm

>50% internal transmission: >665nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**KC17/KS17**

refractive index:  $n_d=1.53$

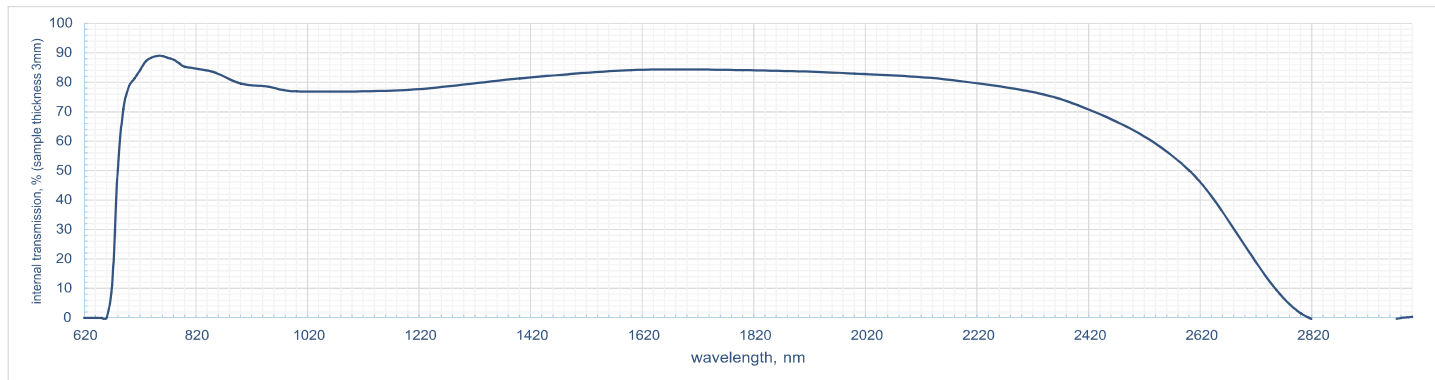
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >670nm

>50% internal transmission: >680nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**KC18/KS18**

refractive index:  $n_d=1.53$

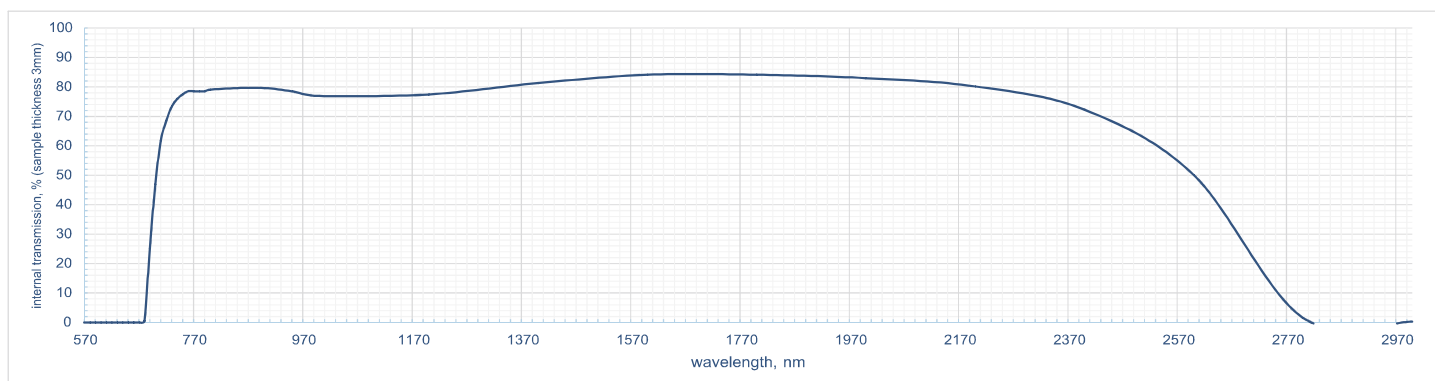
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.9 \times 10^{-6}/\text{K}$

>10% internal transmission: >685nm

>50% internal transmission: >700nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**KC19/KS19**

refractive index:  $n_d=1.53$

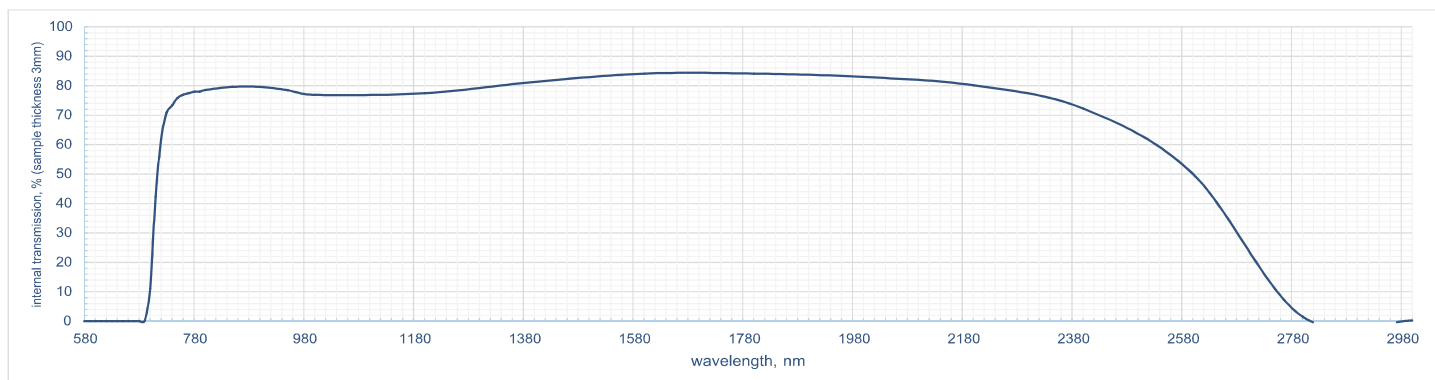
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $10.8 \times 10^{-6}/\text{K}$

>10% internal transmission: >700nm

>50% internal transmission: >715nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

## Colour Glasses IKS (>860nm...>1000nm)

Preformed, prepolished, and polished colour glasses IKS/IKS (cutting spectrum with short wavelength border from 860nm up to 1000nm) with sizes up to 500x500mm with the thickness up to 100mm. The spectra and crucial parameters of the glasses are given below. The spectral characteristics of the colour glasses depend on the melting conditions and each glass melting possesses its own properties. Thus the spectral curves demonstrate the general behaviour of the transmission. The values of the wavelengths with internal transmission of 10% and 50% are given with the tolerance +/-10nm for the thickness of 3mm.

### IKC1/IKS1

refractive index:  $n_d=1.53$

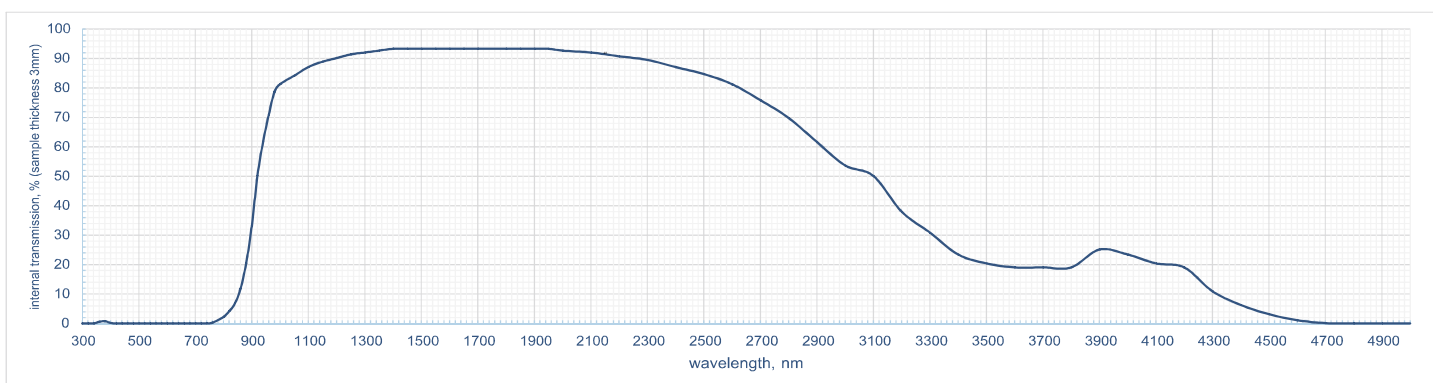
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $9.9 \times 10^{-6}/\text{K}$

>10% internal transmission: >860nm

>50% internal transmission: >920nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

### IKC3/IKS3

refractive index:  $n_d=1.53$

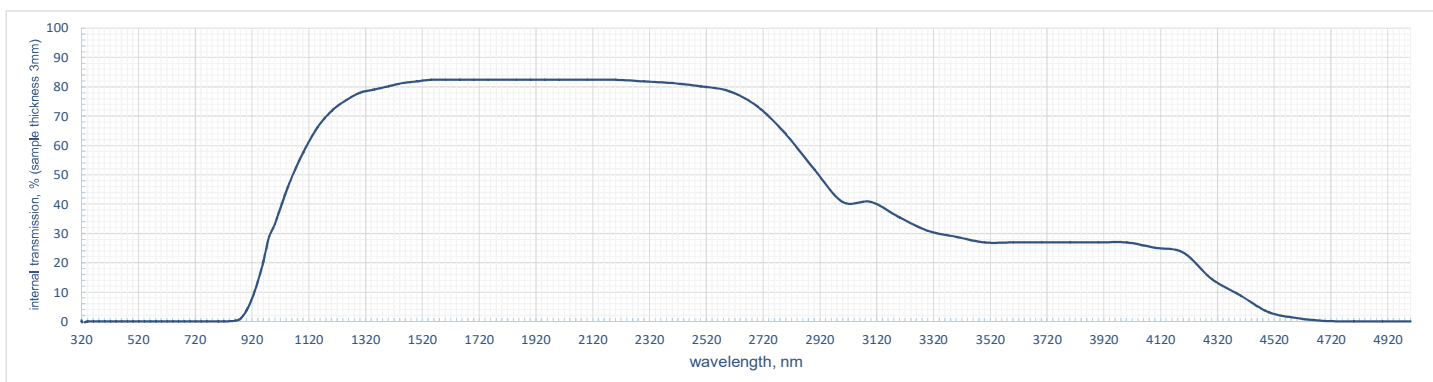
density:  $2.5\text{g/cm}^3$

transformation temperature:  $520^\circ\text{C}$

CTE:  $10.0 \times 10^{-6}/\text{K}$

>10% internal transmission: >930nm

>50% internal transmission: >1075nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**IKC5/IKS5**

refractive index:  $n_d=1.53$

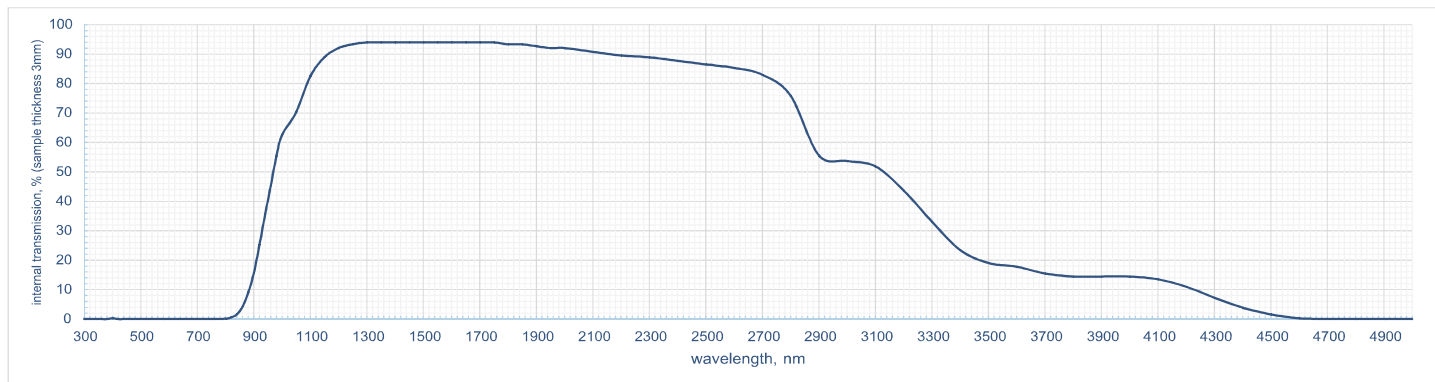
density:  $2.7\text{g/cm}^3$

transformation temperature:  $465^\circ\text{C}$

CTE:  $10.0 \times 10^{-6}/\text{K}$

>10% internal transmission: >985nm

>50% internal transmission: >970nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8

**IKC970/IKS970**

refractive index:  $n_d=1.53$

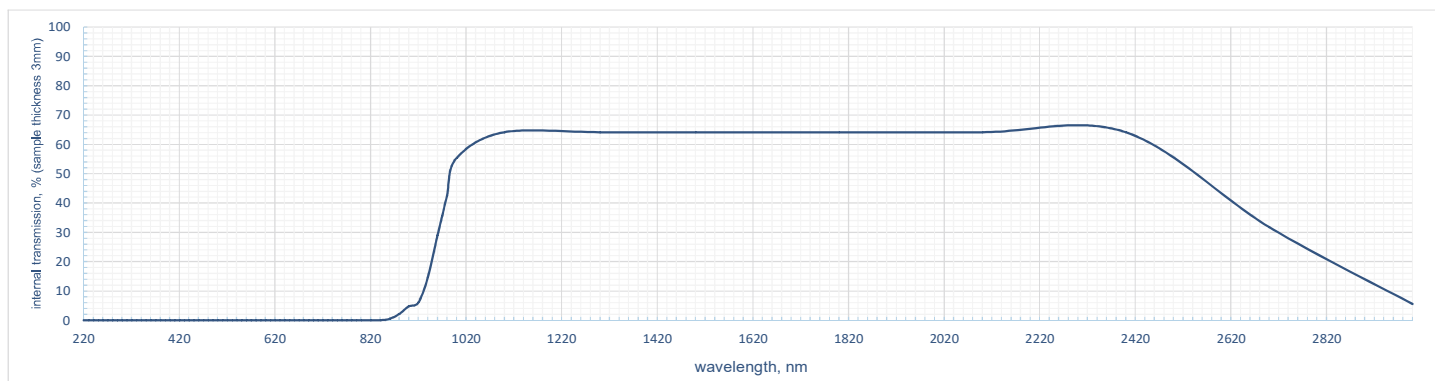
density:  $2.6\text{g/cm}^3$

transformation temperature:  $540^\circ\text{C}$

CTE:  $11.0 \times 10^{-6}/\text{K}$

>10% internal transmission: >930nm

>50% internal transmission: >990nm



polishing slurry: OXAPABS SP or OXAPABS 69

polishing pad: OXAPA polishing pad hard 8