

Catalogue Thickness 2.5 mm

Refraction Factor 0.900

Spectral Transmittance Table & Internal Transmittance Table

| nm | 200   | 210   | 220   | 230   | 240   | 250   | 260   | 270   | 280   | 290   | 300   | 310   | 320   | 330   | 340   | 350   | 360   | 370   | 380   | 390   | 400   | 410   | 420   | 430   |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| T  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.035 | 0.111 | 0.208 | 0.328 | 0.447 | 0.559 |
| Ti | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.039 | 0.123 | 0.231 | 0.364 | 0.496 | 0.621 |
| nm | 440   | 450   | 460   | 470   | 480   | 490   | 500   | 510   | 520   | 530   | 540   | 550   | 560   | 570   | 580   | 590   | 600   | 610   | 620   | 630   | 640   | 650   | 660   | 670   |
| T  | 0.642 | 0.734 | 0.776 | 0.839 | 0.861 | 0.900 | 0.912 | 0.944 | 0.955 | 0.961 | 0.955 | 0.951 | 0.944 | 0.951 | 0.950 | 0.951 | 0.961 | 0.970 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 |
| Ti | 0.713 | 0.815 | 0.862 | 0.931 | 0.956 | 0.999 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| nm | 680   | 690   | 700   | 710   | 720   | 730   | 740   | 750   | 760   | 780   | 800   | 820   | 840   | 860   | 880   | 900   | 920   | 940   | 960   | 980   | 1000  | 1050  | 1100  | 1150  |
| T  | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.966 | 0.975 | 0.972 | 0.975 | 0.979 | 0.977 | 0.977 | 0.977 |
| Ti | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| nm | 1200  | 1250  | 1300  | 1350  | 1400  | 1450  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  | 2400  | 2500  | 2600  | 2700  | 2800  | 2900  | 3000  |       |       |
| T  | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 | 0.977 |       |       |
| Ti | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |       |       |

Index-number

| Line | i     | h     | g     | F'    | F     | e      | d     | D     | C'    | C     | r     | A'    | t      |
|------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|--------|
| nm   | 365.0 | 404.7 | 435.8 | 480.0 | 486.1 | 546.1  | 587.6 | 589.3 | 643.8 | 656.3 | 706.5 | 768.2 | 1014.0 |
| n    |       |       |       |       |       | 1.5940 |       |       |       |       |       |       |        |

Abbe-number

| Line | g     | F'    | F     | e     | d     | D     | C'    | C     | r     |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| nm   | 435.8 | 480.0 | 486.1 | 546.1 | 587.6 | 589.3 | 643.8 | 656.3 | 706.5 |
| v    |       |       |       |       |       |       |       |       |       |

Color Specifications

|   | x | y | T | Thick |
|---|---|---|---|-------|
| A |   |   |   |       |
| B |   |   |   |       |

Properties

| Chimic |     | Termic |     | Mechanic |    |      | Other  |              |  |
|--------|-----|--------|-----|----------|----|------|--------|--------------|--|
| FR*    | SR* | Tg     | CTE | SG       | HG | Beta | Bubble | Visual Color |  |
|        |     |        |     |          |    |      |        | yellow       |  |

Tolerances of Transmittance & Wavelength

| T (%)            |    | WL (nm) |    | T (%)                  |   | WL (nm) |    |
|------------------|----|---------|----|------------------------|---|---------|----|
| Standard Quality |    |         |    | Extra Standard Quality |   |         |    |
| minor            | 10 | minor   | 15 | minor                  | 5 | minor   | 10 |
|                  |    |         |    |                        |   |         |    |

Spectral Transmittance Graphic

GOST PTC1 CLOSE TO SCHOTT GLASS GG435 & HOYA GLASS Y44

