

| DATA SHEET | | | TK2 | | | 572 574 | | |
|--|----------|---------|---|----------|--------|--------------------------------------|---------|----------|
| Refractive Index | nd | 1,57249 | Abbe Number | Vd | 57,48 | Dispersion | nF-nC | 0,009960 |
| | ne | 1,57486 | | Ve | 57,20 | | nF'-nC' | 0,010050 |
| <u>Refractive Indices</u> | | | <u>Partial Dispersions</u> | | | <u>Realative Partial Dispersions</u> | | |
| ni | 365,00 | 1,59716 | nF-nC | 0,009960 | | Pe (i,h) | 0,7710 | |
| nh | 404,66 | 1,58941 | nF'-nC' | 0,010050 | | Pe (h,g) | 0,4514 | |
| ng | 435,83 | 1,58487 | | | | Pe (g,F') | 0,4852 | |
| nF' | 479,99 | 1,58000 | <u>Deviation of Realative Partial Dispersions</u> | | | Pe (F',e) | 0,5112 | |
| n488,0 | 488,00 | 1,57926 | delta Pe (i,F') | -0,0170 | | Pe (e,d) | 0,2359 | |
| ne | 546,07 | 1,57486 | delta Pe (g,F') | -0,0003 | | Pe (d,C') | 0,2529 | |
| nd | 587,56 | 1,57249 | delta Pe (F',e) | 0,0010 | | Pe (e,C') | 0,4888 | |
| n632,8 | 632,80 | 1,57040 | delta Pe (F',r) | -0,0028 | | Pe (C,r) | 0,2180 | |
| nC' | 643,85 | 1,56995 | <u>Chemical Properties</u> | | | Pe (r,s) | 0,3560 | |
| n694,3 | 694,30 | 1,56814 | Water Resistance | WRs | A | Pe (s,t) | 0,2710 | |
| nr | 706,52 | 1,56776 | Acide Resistance | AR* | 3 | <u>Internal Transmittance</u> | | |
| ns | 852,10 | 1,56418 | | | | | 10 mm | |
| nt | 1 013,90 | 1,56146 | | | | T 365 | 0,920 | |
| n1060,0 | 1 060,00 | 1,56081 | | | | T 400 | 0,987 | |
| <u>Termal Properties</u> | | | <u>Mechanical Properties</u> | | | T 440 | 0,991 | |
| Transformation Temperature, C | Tg | 620 | Density, g/c.cm. | SG | 3,20 | T 550 | 0,997 | |
| Expansion Coefficient, 10 ⁻⁷ /C | Alpha | 70 | Grindability | HG | HG3 | T 640 | 0,995 | |
| | | | Knoop Hardness | KH | 456,00 | Ta | 0,997 | |
| | | | Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa | K | 2,75 | | | |
| <u>Temperature Coefficient of Refractive Index</u> | | | <u>Other Properties</u> | | | | | |
| Range of Temperature, C: - 60 ... 20, C'-Line | | | NTabs | 11 | | Bubble | B | 4 |
| Range of Temperature, C: 20 ... 120, C'-Line | | | NTabs | 27 | | Farbcode | FC | 34\32 |
| PG&F, TM (UA) | | | 38 | | | 4 492 107 000 | | |