

| DATA SHEET | | | TF13 | | | 784 263 | | |
|---------------------------------------------|----------|---------|-----------------------------------------------------|----------|-------|-----------------------------------------------|---------|----------|
| Refractive Index | nd | 1,78466 | Abbe Number | Vd | 26,33 | Dispersion | nF-nC | 0,029800 |
| | ne | 1,79169 | | Ve | 26,13 | | nF'-nC' | 0,030299 |
| <u>Refractive Indices</u> | | | <u>Partial Dispersions</u> | | | <u>Realative Partial Dispersions</u> | | |
| ni | 365,00 | - | nF-nC | 0,029800 | | Pe (i,h) | - | |
| nh | 404,66 | 1,84011 | nF'-nC' | 0,030299 | | Pe (h,g) | 0,5324 | |
| ng | 435,83 | 1,82398 | <u>Deviation of Realative Partial Dispersions</u> | | | Pe (g,F') | 0,5368 | |
| nF' | 479,99 | 1,80772 | | | | delta Pe (i,F') | - | |
| n488,0 | 488,00 | 1,80534 | delta Pe (g,F') | 0,0051 | | Pe (e,d) | 0,2322 | |
| ne | 546,07 | 1,79169 | delta Pe (F',e) | 0,0010 | | Pe (d,C') | 0,2389 | |
| nd | 587,56 | 1,78466 | delta Pe (F',r) | 0,0002 | | Pe (e,C') | 0,4711 | |
| n632,8 | 632,80 | 1,77867 | <u>Chemical Properties</u> | | | Pe (C,r) | 0,1980 | |
| nC' | 643,85 | 1,77742 | | | | Water Resistance | WRs | A |
| n694,3 | 694,30 | 1,77245 | Acide Resistance | AR* | 4 | <u>Internal Transmittance</u> | | |
| nr | 706,52 | 1,77141 | <u>Mechanical Properties</u> | | | 10 mm | | |
| ns | 852,10 | 1,76231 | | | | Density, glc.cm. | SG | 5,04 |
| nt | 1 013,90 | 1,75622 | Grindability | HG | HG2 | T 400 | 0,603 | |
| n1060,0 | 1 060,00 | 1,75492 | Knoop Hardness | KH | - | T 440 | 0,897 | |
| <u>Termal Properties</u> | | | Photoelastic Coefficient, nm/cm 10 ⁻⁵ Pa | K | 0,80 | T 550 | 0,996 | |
| Transformation Temperature, C | Tg | 430 | <u>Temperature Coefficient of Refractive Index</u> | | | T 640 | 0,995 | |
| Exspansion Coefficient, 10 ⁻⁷ /C | Alpha | 78 | | | | Range of Temperature, C: - 60 ... 20, C'-Line | NTabs | 52 |
| | | | Range of Temperature, C: 20 ... 120, C'-Line | NTabs | 91 | <u>Other Properties</u> | | |
| | | | | | | Bubble | B | 4 |
| | | | | | | Farbcode | FC | 42/39 |
| PG&F, TM (UA) | | | 106 | | | 4 492 359 000 | | |