

DATA SHEET			TF10			806 253		
Refractive Index	nd	1,80627	Abbe Number	Vd	25,37	Dispersion	nF-nC	0,031780
	ne	1,81377		Ve	25,17		nF'-nC'	0,032326
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,89876	nF-nC	0,031780		Pe (i,h)	1,0220	
nh	404,66	1,86571	nF'-nC'	0,032326		Pe (h,g)	0,5374	
ng	435,83	1,84834	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5395	
nF'	479,99	1,83090				delta Pe (i,F')	0,0760	
n488,0	488,00	1,82836	delta Pe (g,F')	0,0065		Pe (e,d)	0,2318	
ne	546,07	1,81377	delta Pe (F',e)	0,0014		Pe (d,C')	0,2383	
nd	587,56	1,80627	delta Pe (F',r)	-0,0009		Pe (e,C')	0,4701	
n632,8	632,80	1,79991	<u>Chemical Properties</u>			Pe (C,r)	0,1970	
nC'	643,85	1,79857				Water Resistance	WRs	A
n694,3	694,30	1,79332	Acide Resistance	AR*	4	<u>Internal Transmittance</u>		
nr	706,52	1,79222	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,78263				Density, g/c.cm.	SG	5,19
nt	1 013,90	1,77626	Grindability	HG	HG2	T 400	0,610	
n1060,0	1 060,00	1,77490	Knoop Hardness	KH	287,00	T 440	0,931	
<u>Thermal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	0,70	T 550	0,996	
Transformation Temperature, C	Tg	415	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	81				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	65
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	93	<u>Other Properties</u>		
						Bubble	B	5
						Farbcode	FC	43\39
PG&F, TM (UA)			109			4 492 355 000		