

DATA SHEET			TF7			728 283		
Refractive Index	nd	1,72822	Abbe Number	Vd	28,34	Dispersion	nF-nC	0,025700
	ne	1,73429		Ve	28,12		nF'-nC'	0,026111
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,80126	nF-nC	0,025700		Pe (i,h)	0,9800	
nh	404,66	1,77566	nF'-nC'	0,026111		Pe (h,g)	0,5249	
ng	435,83	1,76195	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5321	
nF'	479,99	1,74806	delta Pe (i,F')	0,0420		Pe (F',e)	0,5272	
n488,0	488,00	1,74603	delta Pe (g,F')	0,0035		Pe (e,d)	0,2325	
ne	546,07	1,73429	delta Pe (F',e)	0,0003		Pe (d,C')	0,2403	
nd	587,56	1,72822	delta Pe (F',r)	0,0000		Pe (e,C')	0,4728	
n632,8	632,80	1,72304	<u>Chemical Properties</u>			Pe (C,r)	0,1990	
nC'	643,85	1,72195	Water Resistance	WRs	A	Pe (r,s)	0,3050	
n694,3	694,30	1,71764	Acide Resistance	AR*	4	Pe (s,t)	0,2060	
nr	706,52	1,71674	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,70878				T 365	0,372	
nt	1 013,90	1,70339				T 400	0,887	
n1060,0	1 060,00	1,70222				T 440	0,972	
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 550	0,995	
Transformation Temperature, C	Tg	395	Density, g/c.cm.	SG	4,52	T 640	0,992	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	94	Grindability	HG	HG2	Ta	0,995	
			Knoop Hardness	KH	298,00			
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,65			
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	19		Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	39		Farbcode	FC	39\37
PG&F, TM (UA)			96			4 492 351 000		