

DATA SHEET			TF1			647 338		
Refractive Index	nd	1,64766	Abbe Number	Vd	33,87	Dispersion	nF-nC	0,019120
	ne	1,65219		Ve	33,62		nF'-nC'	0,019397
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,70022	nF-nC	0,019120		Pe (i,h)	0,9240	
nh	404,66	1,68229	nF'-nC'	0,019397		Pe (h,g)	0,5072	
ng	435,83	1,67245	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5209	
nF'	479,99	1,66235	delta Pe (i,F')	0,0080		Pe (F',e)	0,5238	
n488,0	488,00	1,66085	delta Pe (g,F')	0,0004		Pe (e,d)	0,2332	
ne	546,07	1,65219	delta Pe (F',e)	0,0000		Pe (d,C')	0,2431	
nd	587,56	1,64766	delta Pe (F',r)	-0,0004		Pe (e,C')	0,4763	
n632,8	632,80	1,64378	<u>Chemical Properties</u>			Pe (C,r)	0,2030	
nC'	643,85	1,64295	Water Resistance	WRs	A	Pe (r,s)	0,3150	
n694,3	694,30	1,63970	Acide Resistance	AR*	4	Pe (s,t)	0,2200	
nr	706,52	1,63901	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,63289	Density, g\c.cm.	SG	3,86	10 mm		
nt	1 013,90	1,62862	Grindability	HG	HG3	T 365	-	
n1060,0	1 060,00	1,62767	Knoop Hardness	KH	331,00	T 400	0,960	
<u>Thermal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,60	T 440	0,983	
Transformation Temperature, C	Tg	455	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	85	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	10	T 640	0,994	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	33	Ta	0,996	
			<u>Other Properties</u>			Bubble	B	3
						Farbcode	FC	37\35
<b>PG&amp;F, TM (UA)</b>			<b>77</b>			<b>4 492 341 000</b>		