

DATA SHEET			TBF4			778 380		
Refractive Index	nd	1,77878	Abbe Number	Vd	38,08	Dispersion	nF-nC	0,020450
	ne	1,78362		Ve	37,82		nF'-nC'	0,020722
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,83373	nF-nC	0,020450		Pe (i,h)	0,8880	
nh	404,66	1,81533	nF'-nC'	0,020722		Pe (h,g)	0,4963	
ng	435,83	1,80505	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5128	
nF'	479,99	1,79442				delta Pe (i,F')	-0,0080	
n488,0	488,00	1,79284	delta Pe (g,F')	-0,0014		Pe (e,d)	0,2337	
ne	546,07	1,78362	delta Pe (F',e)	-0,0001		Pe (d,C')	0,2452	
nd	587,56	1,77878	delta Pe (F',r)	-0,0002		Pe (e,C')	0,4788	
n632,8	632,80	1,77459	<u>Chemical Properties</u>			Pe (C,r)	0,2060	
nC'	643,85	1,77370				Water Resistance	WRs	s
n694,3	694,30	1,77017	Acide Resistance	AR*	4	Pe (s,t)	0,2280	
nr	706,52	1,76942	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,76272				Density, glc.cm.	SG	4,46
nt	1 013,90	1,75799	Grindability	HG	HG3	T 365	-	
n1060,0	1 060,00	1,75692	Knoop Hardness	KH	450,00	T 400	0,725	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,35	T 440	0,911	
Transformation Temperature, C	Tg	560	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,988	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	75				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	42
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	61	Ta	0,988	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	40\38
<b>PG&amp;F, TM (UA)</b>			<b>105</b>			<b>4 492 271 000</b>		