

DATA SHEET			TBF512			945 226		
Refractive Index	nd	1,94586	Abbe Number	Vd	22,66	Dispersion	nF-nC	0,041750
	ne	1,95573		Ve	22,49		nF'-nC'	0,042491
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	-	nF-nC	0,041750		Pe (i,h)	-	
nh	404,66	2,02484	nF'-nC'	0,042491		Pe (h,g)	0,5484	
ng	435,83	2,00154	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5470	
nF'	479,99	1,97830	delta Pe (i,F')	-		Pe (F',e)	0,5310	
n488,0	488,00	1,97496	delta Pe (g,F')	0,0100		Pe (e,d)	0,2323	
ne	546,07	1,95573	delta Pe (F',e)	0,0009		Pe (d,C')	0,2367	
nd	587,56	1,94586	delta Pe (F',r)	-0,0015		Pe (e,C')	0,4689	
n632,8	632,80	1,93754	<u>Chemical Properties</u>			Pe (C,r)	0,1940	
nC'	643,85	1,93580	Water Resistance	WRs	s	Pe (r,s)	0,2980	
n694,3	694,30	1,92890	Acide Resistance	AR*	6	Pe (s,t)	0,1970	
nr	706,52	1,92756	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,91488	Density, g/c.cm.	SG	6,23	10 mm		
nt	1 013,90	1,90652	Grindability	HG	HG2	T 365	0,001	
n1060,0	1 060,00	1,90472	Knoop Hardness	KH	-	T 400	0,480	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,15	T 440	0,790	
Transformation Temperature, C	Tg	375	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,980	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	90	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	102	T 640	0,980	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	130	Ta	0,980	
						<u>Other Properties</u>		
						Bubble	B	5
						Farbcode	FC	44\40
PG&F, TM (UA)			117			4 492 280 000		