

DATA SHEET			TBF9			808 427		
Refractive Index	nd	1,80846	Abbe Number	Vd	42,78	Dispersion	nF-nC	0,018900
	ne	1,81296		Ve	42,52		nF'-nC'	0,019118
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,85712	nF-nC	0,018900		Pe (i,h)	0,8220	
nh	404,66	1,84140	nF'-nC'	0,019118		Pe (h,g)	0,4707	
ng	435,83	1,83240	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4999	
nF'	479,99	1,82284				delta Pe (i,F')	-0,0690	
n488,0	488,00	1,82141	delta Pe (g,F')	-0,0074		Pe (e,d)	0,2352	
ne	546,07	1,81296	delta Pe (F',e)	-0,0017		Pe (d,C')	0,2479	
nd	587,56	1,80846	delta Pe (F',r)	0,0012		Pe (e,C')	0,4831	
n632,8	632,80	1,80456	<u>Chemical Properties</u>			Pe (C,r)	0,2110	
nC'	643,85	1,80373				Water Resistance	WRs	s
n694,3	694,30	1,80039	Acide Resistance	AR*	4	<u>Internal Transmittance</u>		
nr	706,52	1,79969	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,79331				Density, g/c.cm.	SG	5,02
nt	1 013,90	1,78872	Grindability	HG	HG3	T 400	0,939	
n1060,0	1 060,00	1,78768	Knoop Hardness	KH	-	T 440	0,977	
<u>Thermal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,80	T 550	0,995	
Transformation Temperature, C	Tg	690	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	68				<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	21				
			Range of Temperature, C: 20 ... 120, C'-Line			NTabs	42	
PG&F, TM (UA)			110			4 492 275 000		