

DATA SHEET			BF7			579 538		
Refractive Index	nd	1,57960	Abbe Number	Vd	53,87	Dispersion	nF-nC	0,010760
	ne	1,58216		Ve	53,57		nF'-nC'	0,010867
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,60665	nF-nC	0,010760		Pe (i,h)	0,7910	
nh	404,66	1,59805	nF'-nC'	0,010867		Pe (h,g)	0,4581	
ng	435,83	1,59307	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4905	
nF'	479,99	1,58774				delta Pe (i,F')	-0,0180	
n488,0	488,00	1,58693	delta Pe (g,F')	-0,0004		Pe (e,d)	0,2359	
ne	546,07	1,58216	delta Pe (F',e)	0,0013		Pe (d,C')	0,2504	
nd	587,56	1,57960	delta Pe (F',r)	0,0006		Pe (e,C')	0,4863	
n632,8	632,80	1,57735	<u>Chemical Properties</u>			Pe (C,r)	0,2170	
nC'	643,85	1,57687				Water Resistance	WRs	A
n694,3	694,30	1,57494	Acide Resistance	AR*	4	<u>Internal Transmittance</u>		
nr	706,52	1,57452				10 mm		
ns	852,10	1,57072				T 365	0,881	
nt	1 013,90	1,56787	T 400	0,981				
n1060,0	1 060,00	1,56720	T 440	0,988				
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550	0,996	
Transformation Temperature, C	Tg	560	Density, g/c.cm.	SG	3,23	T 640	0,994	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	74	Grindability	HG	HG3	Ta	0,996	
			Knoop Hardness	KH	434,00			
			Photoelastic Coefficient, nm/cm 10 ⁻⁵ Pa	K	3,00			
<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	37		Farbcode		FC	36\34
PG&F, TM (UA)			42			4 492 223 000		