

DATA SHEET			BF11			622 531		
Refractive Index	nd	1,62230	Abbe Number	Vd	53,14	Dispersion	nF-nC	0,011710
	ne	1,62509		Ve	52,85		nF'-nC'	0,011828
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,65181	nF-nC	0,011710		Pe (i,h)	0,7940	
nh	404,66	1,64242	nF'-nC'	0,011828		Pe (h,g)	0,4596	
ng	435,83	1,63698	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4918	
nF'	479,99	1,63117	delta Pe (i,F')	-0,0200		Pe (F',e)	0,5136	
n488,0	488,00	1,63029	delta Pe (g,F')	-0,0002		Pe (e,d)	0,2356	
ne	546,07	1,62509	delta Pe (F',e)	0,0008		Pe (d,C')	0,2508	
nd	587,56	1,62230	delta Pe (F',r)	-0,0027		Pe (e,C')	0,4864	
n632,8	632,80	1,61986	<u>Chemical Properties</u>			Pe (C,r)	0,2150	
nC'	643,85	1,61934	Water Resistance	WRs	A	Pe (r,s)	0,3470	
n694,3	694,30	1,61724	Acide Resistance	AR*	4	Pe (s,t)	0,2560	
nr	706,52	1,61680	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,61270	Density, g/c.cm.	SG	3,66	10 mm		
nt	1 013,90	1,60967	Grindability	HG	HG3	T 365	0,815	
n1060,0	1 060,00	1,60896	Knoop Hardness	KH	443,00	T 400	0,961	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,35	T 440	0,986	
Transformation Temperature, C	Tg	620	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	70	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	20	T 640	0,994	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	40	Ta	0,996	
						<u>Other Properties</u>		
						Bubble	B	5
						Farbcode	FC	36\34
PG&F, TM (UA)			67			4 492 227 000		