

DATA SHEET			BF1			524 549		
Refractive Index	nd	1,52479	Abbe Number	Vd	54,95	Dispersion	nF-nC	0,009550
	ne	1,52706		Ve	54,69		nF'-nC'	0,009638
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,54879	nF-nC	0,009550		Pe (i,h)	0,7970	
nh	404,66	1,54111	nF'-nC'	0,009638		Pe (h,g)	0,4571	
ng	435,83	1,53670	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4885	
nF'	479,99	1,53200	delta Pe (i,F')	-0,0050		Pe (F',e)	0,5118	
n488,0	488,00	1,53128	delta Pe (g,F')	-0,0007		Pe (e,d)	0,2362	
ne	546,07	1,52706	delta Pe (F',e)	0,0000		Pe (d,C')	0,2520	
nd	587,56	1,52479	delta Pe (F',r)	-0,0011		Pe (e,C')	0,4882	
n632,8	632,80	1,52279	<u>Chemical Properties</u>			Pe (C,r)	0,2180	
nC'	643,85	1,52236	Water Resistance	WRs	B	Pe (r,s)	0,3580	
n694,3	694,30	1,52063	Acide Resistance	AR*	1	Pe (s,t)	0,2750	
nr	706,52	1,52026	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,51681	Density, g/c.cm.	SG	2,67	10 mm		
nt	1 013,90	1,51416	Grindability	HG	HG3	T 365	0,967	
n1060,0	1 060,00	1,51352	Knoop Hardness	KH	-	T 400	0,992	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,25	T 440	0,992	
Transformation Temperature, C	Tg	530	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,995	
Exspansion Coefficient, 10 ⁻⁷ /C	Alpha	73	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	14	T 640	0,993	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	31	Ta	0,995	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	35\33
PG&F, TM (UA)			20			4 492 217 000		