

DATA SHEET			BF4			548 539		
Refractive Index	nd	1,54809	Abbe Number	Vd	53,95	Dispersion	nF-nC	0,010160
	ne	1,55050		Ve	53,66		nF'-nC'	0,010259
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,57371	nF-nC	0,010160		Pe (i,h)	0,7970	
nh	404,66	1,56553	nF'-nC'	0,010259		Pe (h,g)	0,4605	
ng	435,83	1,56081	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4911	
nF'	479,99	1,55577				delta Pe (i,F')	-0,0080	
n488,0	488,00	1,55501	delta Pe (g,F')	0,0004		Pe (e,d)	0,2353	
ne	546,07	1,55050	delta Pe (F',e)	0,0008		Pe (d,C')	0,2516	
nd	587,56	1,54809	delta Pe (F',r)	-0,0015		Pe (e,C')	0,4869	
n632,8	632,80	1,54596	<u>Chemical Properties</u>			Pe (C,r)	0,2160	
nC'	643,85	1,54551				Water Resistance	WRs	A
n694,3	694,30	1,54368	Acide Resistance	AR*	1	<u>Internal Transmittance</u>		
nr	706,52	1,54329				10 mm		
ns	852,10	1,53966				T 365	0,920	
nt	1 013,90	1,53690	T 400	0,984				
n1060,0	1 060,00	1,53624	T 440	0,986				
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550	0,995	
						T 640	0,993	
Transformation Temperature, C	Tg	580	Density, g/c.cm.	SG	2,92	Ta	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	74	Grindability	HG	HG3			
			Knoop Hardness	KH	-			
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,80			
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	2				Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line	NTabs	20				Farbcode	FC	36\33
PG&F, TM (UA)			31			4 492 219 000		