

DATA SHEET			BF8			582 464				
Refractive Index	nd	1,58271	Abbe Number	Vd	46,47	Dispersion	nF-nC	0,012540		
	ne	1,58569		Ve	46,17		nF'-nC'	0,012686		
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>				
ni	365,00	1,61535	nF-nC	0,012540		Pe (i,h)	0,8410			
nh	404,66	1,60468	nF'-nC'	0,012686		Pe (h,g)	0,4774			
ng	435,83	1,59862	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5028			
nF'	479,99	1,59224				delta Pe (i,F')	-0,0060		Pe (F',e)	0,5166
n488,0	488,00	1,59130	delta Pe (g,F')	0,0010		Pe (e,d)	0,2347			
ne	546,07	1,58569	delta Pe (F',e)	0,0001		Pe (d,C')	0,2487			
nd	587,56	1,58271	delta Pe (F',r)	-0,0022		Pe (e,C')	0,4834			
n632,8	632,80	1,58011	<u>Chemical Properties</u>			Pe (C,r)	0,2100			
nC'	643,85	1,57956				Water Resistance	WRs	A	Pe (r,s)	0,3360
n694,3	694,30	1,57736	Acide Resistance	AR*	2	<u>Internal Transmittance</u>				
nr	706,52	1,57689				10 mm				
ns	852,10	1,57263				T 365			0,935	
nt	1 013,90	1,56953				T 400			0,988	
n1060,0	1 060,00	1,56882				T 440			0,990	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550			0,995	
Transformation Temperature, C	Tg	525	Density, g/c.cm.	SG	3,28	T 640			0,995	
Exspansion Coefficient, 10 <sup>-7</sup> /C	Alpha	82	Grindability	HG	HG3	Ta			0,995	
			Knoop Hardness	KH	367,00					
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,95					
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>				
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	6		Bubble			B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	24		Farbcode			FC	36\33
<b>PG&amp;F, TM (UA)</b>			<b>47</b>			<b>4 492 225 000</b>				