

DATA SHEET			BF27			606 439		
Refractive Index	nd	1,60682	Abbe Number	Vd	43,97	Dispersion	nF-nC	0,013800
	ne	1,61010		Ve	43,68		nF'-nC'	0,013967
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,64309	nF-nC	0,013800		Pe (i,h)	0,8570	
nh	404,66	1,63112	nF'-nC'	0,013967		Pe (h,g)	0,4817	
ng	435,83	1,62439	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5051	
nF'	479,99	1,61734				delta Pe (i,F')	-0,0070	
n488,0	488,00	1,61628	delta Pe (g,F')	-0,0005		Pe (e,d)	0,2344	
ne	546,07	1,61010	delta Pe (F',e)	0,0006		Pe (d,C')	0,2469	
nd	587,56	1,60682	delta Pe (F',r)	-0,0008		Pe (e,C')	0,4813	
n632,8	632,80	1,60398	<u>Chemical Properties</u>			Pe (C,r)	0,2100	
nC'	643,85	1,60337				Water Resistance	WRs	A
n694,3	694,30	1,60095	Acide Resistance	AR*	4	Pe (s,t)	0,2410	
nr	706,52	1,60044	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,59580				Density, g/c.cm.	SG	3,46
nt	1 013,90	1,59244	Grindability	HG	HG3	T 365	0,891	
n1060,0	1 060,00	1,59166	Knoop Hardness	KH	417	T 400	0,979	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,70	T 440	0,988	
Transformation Temperature, C	Tg	525	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,997	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	79				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	19
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	42	Ta	0,997	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\34
<b>PG&amp;F, TM (UA)</b>			<b>54</b>			<b>4 492 246 000</b>		