

DATA SHEET			BF21			614 000		
Refractive Index	nd	1,61413	Abbe Number	Vd	40,03	Dispersion	nF-nC	0,015340
	ne	1,61777		Ve	39,75		nF'-nC'	0,015540
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,65512	nF-nC	0,015340		Pe (i,h)	0,8820	
nh	404,66	1,64142	nF'-nC'	0,015540		Pe (h,g)	0,4906	
ng	435,83	1,63380	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5112	
nF'	479,99	1,62585				delta Pe (i,F')	-0,0040	
n488,0	488,00	1,62468	delta Pe (g,F')	-0,0002		Pe (e,d)	0,2342	
ne	546,07	1,61777	delta Pe (F',e)	-0,0001		Pe (d,C')	0,2456	
nd	587,56	1,61413	delta Pe (F',r)	-0,0003		Pe (e,C')	0,4798	
n632,8	632,80	1,61098	<u>Chemical Properties</u>			Pe (C,r)	0,2080	
nC'	643,85	1,61032				Water Resistance	WRs	A
n694,3	694,30	1,60766	Acide Resistance	AR*	2	<u>Internal Transmittance</u>		
nr	706,52	1,60709	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,60203				Density, g/c.cm.	SG	3,56
nt	1 013,90	1,59843	Grindability	HG	HG3	T 400	0,964	
n1060,0	1 060,00	1,59762	Knoop Hardness	KH	385,00	T 440	0,983	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,95	T 550	0,996	
Transformation Temperature, C	Tg	480	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,994	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	77				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	23
<u>Temperature Coefficient of Refractive Index</u>			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	45	<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\35
PG&F, TM (UA)			62			4 492 239 000		