

DATA SHEET			BF16			671 472			
Refractive Index	nd	1,67102	Abbe Number	Vd	47,29	Dispersion	nF-nC	0,014190	
	ne	1,67438		Ve	47,00		nF'-nC'	0,014350	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>			
ni	365,00	1,70771	nF-nC	0,014190	Pe (i,h)	0,8330			
nh	404,66	1,69576	nF'-nC'	0,014350	Pe (h,g)	0,4730			
ng	435,83	1,68897	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4992		
nF'	479,99	1,68181	delta Pe (i,F')	-0,0150	Pe (F',e)	0,5174			
n488,0	488,00	1,68073	delta Pe (g,F')	-0,0015	Pe (e,d)	0,2341			
ne	546,07	1,67438	delta Pe (F',e)	0,0013	Pe (d,C')	0,2485			
nd	587,56	1,67102	delta Pe (F',r)	-0,0014	Pe (e,C')	0,4826			
n632,8	632,80	1,66809	<u>Chemical Properties</u>			Pe (C,r)	0,2120		
nC'	643,85	1,66746	Water Resistance	WRs	A	Pe (r,s)	0,3370		
n694,3	694,30	1,66496	Acide Resistance	AR*	4	Pe (s,t)	0,2450		
nr	706,52	1,66442	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>			
ns	852,10	1,65959	Density, glc.cm.	SG	4,02	10 mm			
nt	1 013,90	1,65608	Grindability	HG	HG2	T 365	0,600		
n1060,0	1 060,00	1,65527	Knoop Hardness	KH	396,00	T 400	0,915		
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,65	T 440	0,973		
Transformation Temperature, C	Tg	605	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996		
Expansion Coefficient, 10 ⁻⁶ /C	Alpha	84	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	1	T 640	0,995		
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	19	Ta	0,996		
						<u>Other Properties</u>			
						Bubble	B	4	
						Farbcode	FC	38\36	
PG&F, TM (UA)			86			4 492 233 000			