

DATA SHEET			BF25			607 461				
Refractive Index	nd	1,60772	Abbe Number	Vd	46,11	Dispersion	nF-nC	0,013180		
	ne	1,61085		Ve	45,82		nF'-nC'	0,013332		
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>				
ni	365,00	1,64195	nF-nC	0,013180		Pe (i,h)	0,8390			
nh	404,66	1,63077	nF'-nC'	0,013332		Pe (h,g)	0,4757			
ng	435,83	1,62443	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5012			
nF'	479,99	1,61775				delta Pe (i,F')	-0,0150		Pe (F',e)	0,5170
n488,0	488,00	1,61675	delta Pe (g,F')	-0,0012		Pe (e,d)	0,2353			
ne	546,07	1,61085	delta Pe (F',e)	0,0002		Pe (d,C')	0,2478			
nd	587,56	1,60772	delta Pe (F',r)	-0,0013		Pe (e,C')	0,4831			
n632,8	632,80	1,60499	<u>Chemical Properties</u>			Pe (C,r)	0,2110			
nC'	643,85	1,60441				Water Resistance	WRs	A	Pe (r,s)	0,3350
n694,3	694,30	1,60209	Acide Resistance	AR*	4	<u>Internal Transmittance</u>				
nr	706,52	1,60160				10 mm				
ns	852,10	1,59713				T 365			0,768	
nt	1 013,90	1,59388				T 400			0,955	
n1060,0	1 060,00	1,59313				T 440			0,979	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550			0,996	
Transformation Temperature, C	Tg	565	Density, g/c.cm.	SG	3,47	T 640			0,991	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	73	Grindability	HG	HG3	Ta			0,996	
			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	29		Bubble	B	4		
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	46		Farbcode	FC	38\35		
PG&F, TM (UA)			55			4 492 243 000				