

DATA SHEET			F4			624 359			
Refractive Index	nd	1,62435	Abbe Number	Vd	35,92	Dispersion	nF-nC	0,017380	
	ne	1,62847		Ve	35,67		nF'-nC'	0,017621	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>			
ni	365,00	1,67162	nF-nC	0,017380	Pe (i,h)	0,9100			
nh	404,66	1,65559	nF'-nC'	0,017621	Pe (h,g)	0,5269			
ng	435,83	1,64678	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5446		
nF'	479,99	1,63767	delta Pe (i,F')	0,0010	Pe (F',e)	0,5502			
n488,0	488,00	1,63632	delta Pe (g,F')	-0,0006	Pe (e,d)	0,2464			
ne	546,07	1,62847	delta Pe (F',e)	-0,0004	Pe (d,C')	0,2572			
nd	587,56	1,62435	delta Pe (F',r)	-0,0006	Pe (e,C')	0,5036			
n632,8	632,80	1,62081	<u>Chemical Properties</u>			Pe (C,r)	0,2150		
nC'	643,85	1,62005	Water Resistance	WRs	A	Pe (r,s)	0,3370		
n694,3	694,30	1,61708	Acide Resistance	AR*	2	Pe (s,t)	0,2370		
nr	706,52	1,61645				<u>Internal Transmittance</u>			
ns	852,10	1,61081				10 mm			
nt	1 013,90	1,60684				T 365	0,676		
n1060,0	1 060,00	1,60594				T 400	0,962		
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 440	0,980		
Transformation Temperature, C	Tg	460	Density, g/c.cm.	SG	3,67	T 550	0,995		
Exspansion Coefficient, 10 ⁻⁷ /C	Alpha	74	Grindability	HG	HG3	T 640	0,992		
			Knoop Hardness	KH	347,00	Ta	0,995		
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,00				
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>			
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	25	Bubble		B	3	
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	48	Farbcode		FC	39\35	
PG&F, TM (UA)			71			4 492 320 000			