

DATA SHEET			LF12			540 448		
Refractive Index	nd	1,54021	Abbe Number	Vd	44,87	Dispersion	nF-nC	0,012040
	ne	1,54306		Ve	44,57		nF'-nC'	0,012185
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,57233	nF-nC	0,012040		Pe (i,h)	0,8880	
nh	404,66	1,56151	nF'-nC'	0,012185		Pe (h,g)	0,4875	
ng	435,83	1,55557	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5085	
nF'	479,99	1,54937	delta Pe (i,F')	0,0420		Pe (F',e)	0,5180	
n488,0	488,00	1,54845	delta Pe (g,F')	0,0042		Pe (e,d)	0,2343	
ne	546,07	1,54306	delta Pe (F',e)	0,0004		Pe (d,C')	0,2478	
nd	587,56	1,54021	delta Pe (F',r)	-0,0006		Pe (e,C')	0,4820	
n632,8	632,80	1,53772	<u>Chemical Properties</u>			Pe (C,r)	0,2110	
nC'	643,85	1,53719	Water Resistance	WRs	A	Pe (r,s)	0,3380	
n694,3	694,30	1,53507	Acide Resistance	AR*	1	Pe (s,t)	0,2520	
nr	706,52	1,53462				<u>Internal Transmittance</u>		
ns	852,10	1,53050				10 mm		
nt	1 013,90	1,52743				T 365	0,544	
n1060,0	1 060,00	1,52671				T 400	0,968	
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 440	0,987	
Transformation Temperature, C	Tg	490	Density, g/c.cm.	SG	2,54	T 550	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	91	Grindability	HG	HG3	T 640	0,995	
			Knoop Hardness	KH	-	Ta	0,995	
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,15			
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line		NTabs	-22		Bubble		B	4
Range of Temperature, C: 20 ... 120, C'-Line		NTabs	-7		Farbcode		FC	38\36
PG&F, TM (UA)			28			4 492 304 000		