

DATA SHEET			LF7			578 411		
Refractive Index	nd	1,57842	Abbe Number	Vd	41,11	Dispersion	nF-nC	0,014070
	ne	1,58176		Ve	40,83		nF'-nC'	0,014247
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,61581	nF-nC	0,014070		Pe (i,h)	0,8740	
nh	404,66	1,60336	nF'-nC'	0,014247		Pe (h,g)	0,4878	
ng	435,83	1,59641	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5091	
nF'	479,99	1,58916				delta Pe (i,F')	-0,0060	
n488,0	488,00	1,58808	delta Pe (g,F')	-0,0008		Pe (e,d)	0,2340	
ne	546,07	1,58176	delta Pe (F',e)	-0,0001		Pe (d,C')	0,2466	
nd	587,56	1,57842	delta Pe (F',r)	-0,0002		Pe (e,C')	0,4806	
n632,8	632,80	1,57552	<u>Chemical Properties</u>			Pe (C,r)	0,2080	
nC'	643,85	1,57491				Water Resistance	WRs	B
n694,3	694,30	1,57246	Acide Resistance	AR*	1	<u>Internal Transmittance</u>		
nr	706,52	1,57194				10 mm		
ns	852,10	1,56723				T 365	0,964	
nt	1 013,90	1,56383	T 400	0,988				
n1060,0	1 060,00	1,56305	T 440	0,992				
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550	0,995	
Transformation Temperature, C	Tg	475	Density, g/c.cm.	SG	3,23	T 640	0,994	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	75	Grindability	HG	HG3	Ta	0,995	
			Knoop Hardness	KH	-			
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	3,25			
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	19		Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	39		Farbcode	FC	35\33
<b>PG&amp;F, TM (UA)</b>			<b>40</b>			<b>4 492 298 000</b>		