

DATA SHEET			LF9			580 380		
Refractive Index	nd	1,58013	Abbe Number	Vd	38,02	Dispersion	nF-nC	0,015260
	ne	1,58374		Ve	37,73		nF'-nC'	0,015471
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,62237	nF-nC	0,015260		Pe (i,h)	0,9460	
nh	404,66	1,60773	nF'-nC'	0,015471		Pe (h,g)	0,5090	
ng	435,83	1,59986	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5192	
nF'	479,99	1,59182				delta Pe (i,F')	0,0680	
n488,0	488,00	1,59064	delta Pe (g,F')	0,0048		Pe (e,d)	0,2332	
ne	546,07	1,58374	delta Pe (F',e)	0,0009		Pe (d,C')	0,2445	
nd	587,56	1,58013	delta Pe (F',r)	-0,0001		Pe (e,C')	0,4777	
n632,8	632,80	1,57701	<u>Chemical Properties</u>			Pe (C,r)	0,2060	
nC'	643,85	1,57635				Water Resistance	WRs	A
n694,3	694,30	1,57372	Acide Resistance	AR*	1	<u>Internal Transmittance</u>		
nr	706,52	1,57316	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,56813				Density, g/c.cm.	SG	2,61
nt	1 013,90	1,56448	Grindability	HG	HG3	T 400	0,930	
n1060,0	1 060,00	1,56364	Knoop Hardness	KH	-	T 440	0,970	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	3,60	T 550	0,993	
Transformation Temperature, C	Tg	485	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,992	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	90				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-16
<u>Temperature Coefficient of Refractive Index</u>			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	-1	<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	37\36
<b>PG&amp;F, TM (UA)</b>			<b>45</b>			<b>4 492 300 000</b>		