

DATA SHEET			LF10			548 458		
Refractive Index	nd	1,54810	Abbe Number	Vd	45,87	Dispersion	nF-nC	0,011950
	ne	1,55094		Ve	45,58		nF'-nC'	0,012087
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,57931	nF-nC	0,011950		Pe (i,h)	0,8440	
nh	404,66	1,56911	nF'-nC'	0,012087		Pe (h,g)	0,4820	
ng	435,83	1,56328	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5044	
nF'	479,99	1,55719	delta Pe (i,F')	-0,0030		Pe (F',e)	0,5169	
n488,0	488,00	1,55628	delta Pe (g,F')	0,0016		Pe (e,d)	0,2346	
ne	546,07	1,55094	delta Pe (F',e)	0,0000		Pe (d,C')	0,2486	
nd	587,56	1,54810	delta Pe (F',r)	-0,0003		Pe (e,C')	0,4832	
n632,8	632,80	1,54563	<u>Chemical Properties</u>			Pe (C,r)	0,2120	
nC'	643,85	1,54510	Water Resistance	WRs	A	Pe (r,s)	0,3410	
n694,3	694,30	1,54299	Acide Resistance	AR*	1	Pe (s,t)	0,2530	
nr	706,52	1,54254	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,53842				T 365	0,492	
nt	1 013,90	1,53536				T 400	0,949	
n1060,0	1 060,00	1,53464				T 440	0,981	
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 550	0,992	
Transformation Temperature, C	Tg	475	Density, g\c.cm.	SG	2,73	T 640	0,990	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	78	Grindability	HG	HG3	Ta	0,992	
			Knoop Hardness	KH	-			
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	3,00			
<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>					
Range of Temperature, C: - 60 ... 20, C'-Line		NTabs	4		Bubble	B	4	
Range of Temperature, C: 20 ... 120, C'-Line		NTabs	22		Farbcode	FC	39\36	
<b>PG&amp;F, TM (UA)</b>			<b>30</b>			<b>4 492 301 000</b>		