

DATA SHEET			LF5			575 413		
Refractive Index	nd	1,57502	Abbe Number	Vd	41,31	Dispersion	nF-nC	0,013920
	ne	1,57833		Ve	41,03		nF'-nC'	0,014094
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,61197	nF-nC	0,013920		Pe (i,h)	0,8720	
nh	404,66	1,59968	nF'-nC'	0,014094		Pe (h,g)	0,4875	
ng	435,83	1,59281	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5088	
nF'	479,99	1,58564				delta Pe (i,F')	-0,0070	
n488,0	488,00	1,58457	delta Pe (g,F')	-0,0007		Pe (e,d)	0,2344	
ne	546,07	1,57833	delta Pe (F',e)	-0,0007		Pe (d,C')	0,2468	
nd	587,56	1,57502	delta Pe (F',r)	0,0000		Pe (e,C')	0,4812	
n632,8	632,80	1,57215	<u>Chemical Properties</u>			Pe (C,r)	0,2090	
nC'	643,85	1,57154				Water Resistance	WRs	A
n694,3	694,30	1,56912	Acide Resistance	AR*	1	<u>Internal Transmittance</u>		
nr	706,52	1,56860	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,56393				Density, g/c.cm.	SG	3,23
nt	1 013,90	1,56056	Grindability	HG	HG3	T 400	0,987	
n1060,0	1 060,00	1,55979	Knoop Hardness	KH	-	T 440	0,989	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,25	T 550	0,995	
Transformation Temperature, C	Tg	470	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,993	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	71				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	20
<u>Temperature Coefficient of Refractive Index</u>			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	38	<u>Other Properties</u>		
						Bubble	B	3
						Farbcode	FC	35\33
PG&F, TM (UA)			39			4 492 296 000		