

DATA SHEET			F1			612 369		
Refractive Index	nd	1,61294	Abbe Number	Vd	36,95	Dispersion	nF-nC	0,016590
	ne	1,61688		Ve	36,69		nF'-nC'	0,016814
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,65782	nF-nC	0,016590		Pe (i,h)	0,9000	
nh	404,66	1,64269	nF'-nC'	0,016814		Pe (h,g)	0,4983	
ng	435,83	1,63431	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5153	
nF'	479,99	1,62565				delta Pe (i,F')	-0,0020	
n488,0	488,00	1,62436	delta Pe (g,F')	-0,0006		Pe (e,d)	0,2339	
ne	546,07	1,61688	delta Pe (F',e)	-0,0005		Pe (d,C')	0,2446	
nd	587,56	1,61294	delta Pe (F',r)	0,0003		Pe (e,C')	0,4785	
n632,8	632,80	1,60955	<u>Chemical Properties</u>			Pe (C,r)	0,2060	
nC'	643,85	1,60883				Water Resistance	WRs	A
n694,3	694,30	-	Acide Resistance	AR*	1	Pe (s,t)	0,2290	
nr	706,52	1,60537	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,59994				Density, glc.cm.	SG	3,57
nt	1 013,90	1,59609	Grindability	HG	HG3	T 365	0,852	
n1060,0	1 060,00	1,59522	Knoop Hardness	KH	-	T 400	0,977	
<u>Termal Properties</u>			Photoelastic Coefficient, nm/lcm 10 <sup>-5</sup> Pa	K	2,95	T 440	0,986	
Transformation Temperature, C	Tg	475	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Exspansion Coefficient, 10 <sup>-7</sup> /C	Alpha	74				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	23
<u>Temperature Coefficient of Refractive Index</u>			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	44	Ta	0,996	
<u>Other Properties</u>						Bubble	B	3
						Farbcode	FC	36\34
<b>PG&amp;F, TM (UA)</b>			<b>57</b>			<b>4 492 316 000</b>		