

DATA SHEET			F18			624 352		
Refractive Index	nd	1,62496	Abbe Number	Vd	35,29	Dispersion	nF-nC	0,017710
	ne	1,62915		Ve	35,02		nF'-nC'	0,017963
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,67345	nF-nC	0,017710		Pe (i,h)	0,9200	
nh	404,66	1,65693	nF'-nC'	0,017963		Pe (h,g)	0,5042	
ng	435,83	1,64787	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5191	
nF'	479,99	1,63855	delta Pe (i,F')	0,0120		Pe (F',e)	0,5232	
n488,0	488,00	1,63717	delta Pe (g,F')	0,0007		Pe (e,d)	0,2336	
ne	546,07	1,62915	delta Pe (F',e)	0,0003		Pe (d,C')	0,2432	
nd	587,56	1,62496	delta Pe (F',r)	-0,0004		Pe (e,C')	0,4768	
n632,8	632,80	1,62135	<u>Chemical Properties</u>			Pe (C,r)	0,2040	
nC'	643,85	1,62059	Water Resistance	WRs	C	Pe (r,s)	0,3170	
n694,3	694,30	1,61756	Acide Resistance	AR*	5	Pe (s,t)	0,2200	
nr	706,52	1,61692	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,61123	Density, glc.cm.	SG	3,59	10 mm		
nt	1 013,90	1,60727	Grindability	HG	HG2	T 365	0,871	
n1060,0	1 060,00	1,60638	Knoop Hardness	KH	-	T 400	0,980	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,75	T 440	0,988	
Transformation Temperature, C	Tg	425	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,991	
Exspansion Coefficient, 10 <sup>-6</sup> -7/C	Alpha	114	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-34	T 640	0,993	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	-20	Ta	0,991	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\34
<b>PG&amp;F, TM (UA)</b>			<b>69</b>			<b>4 492 331 000</b>		