

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 ⁻⁵ 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 ⁻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	
PG&F, TM (UA)			69			4 492 331 000			