

DATA SHEET			F8			624 355		
Refractive Index	nd	1,62495	Abbe Number	Vd	35,57	Dispersion	nF-nC	0,017570
	ne	1,62911		Ve	35,31		nF'-nC'	0,017816
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,67288	nF-nC	0,017570		Pe (i,h)	0,9130	
nh	404,66	1,65661	nF'-nC'	0,017816		Pe (h,g)	0,5024	
ng	435,83	1,64766	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5181	
nF'	479,99	1,63843	delta Pe (i,F')	0,0050		Pe (F',e)	0,5230	
n488,0	488,00	1,63707	delta Pe (g,F')	0,0001		Pe (e,d)	0,2335	
ne	546,07	1,62911	delta Pe (F',e)	0,0002		Pe (d,C')	0,2436	
nd	587,56	1,62495	delta Pe (F',r)	-0,0008		Pe (e,C')	0,4771	
n632,8	632,80	1,62137	<u>Chemical Properties</u>			Pe (C,r)	0,2050	
nC'	643,85	1,62061	Water Resistance	WRs	C	Pe (r,s)	0,3190	
n694,3	694,30	1,61760	Acide Resistance	AR*	4	Pe (s,t)	0,2240	
nr	706,52	1,61697	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,61128	Density, glc.cm.	SG	3,61	10 mm		
nt	1 013,90	1,60728	Grindability	HG	HG3	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	420	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,994	
Expansion Coefficient, 10 ^{^-7} /C	Alpha	99	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-9	T 640	0,991	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	5	Ta	0,994	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\34
PG&F, TM (UA)			70			4 492 325 000		