

DATA SHEET			TF11			648 315		
Refractive Index	nd	1,64878	Abbe Number	Vd	31,59	Dispersion	nF-nC	0,020540
	ne	1,65362		Ve	31,34		nF'-nC'	0,020858
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,70784	nF-nC	0,020540		Pe (i,h)	1,0100	
nh	404,66	1,68677	nF'-nC'	0,020858		Pe (h,g)	0,5297	
ng	435,83	1,67572	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5325	
nF'	479,99	1,66461	delta Pe (i,F')	0,1070		Pe (F',e)	0,5271	
n488,0	488,00	1,66299	delta Pe (g,F')	0,0086		Pe (e,d)	0,2321	
ne	546,07	1,65362	delta Pe (F',e)	0,0021		Pe (d,C')	0,2408	
nd	587,56	1,64878	delta Pe (F',r)	0,0012		Pe (e,C')	0,4729	
n632,8	632,80	1,64461	<u>Chemical Properties</u>			Pe (C,r)	0,2030	
nC'	643,85	1,64376	Water Resistance	WRs	A	Pe (r,s)	0,3140	
n694,3	694,30	1,64025	Acide Resistance	AR*	2	Pe (s,t)	0,2190	
nr	706,52	1,63952	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,63298	Density, g\c.cm.	SG	3,14	10 mm		
nt	1 013,90	1,62842	Grindability	HG	HG2	T 365	.	
n1060,0	1 060,00	1,62739	Knoop Hardness	KH	-	T 400	0,848	
<u>Thermal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,85	T 440	0,957	
Transformation Temperature, C	Tg	425	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,989	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	107	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-42	T 640	0,984	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	-27	Ta	0,989	
			<u>Other Properties</u>			Bubble	B	5
						Farbcode	FC	40\38
PG&F, TM (UA)			78			4 492 357 000		