

DATA SHEET			TF8			689 311			
Refractive Index	nd	1,68949	Abbe Number	Vd	31,13	Dispersion	nF-nC	0,022150	
	ne	1,69473		Ve	30,90		nF'-nC'	0,022486	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>			
ni	365,00	1,75119	nF-nC	0,022150		Pe (i,h)	0,9460		
nh	404,66	1,72992	nF'-nC'	0,022486		Pe (h,g)	0,5139		
ng	435,83	1,71836	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5258		
nF'	479,99	1,70654				delta Pe (i,F')	0,0160		Pe (F',e)
n488,0	488,00	1,70480	delta Pe (g,F')	0,0012		Pe (e,d)	0,2329		
ne	546,07	1,69473	delta Pe (F',e)	0,0000		Pe (d,C')	0,2418		
nd	587,56	1,68949	delta Pe (F',r)	0,0002		Pe (e,C')	0,4747		
n632,8	632,80	1,68500	<u>Chemical Properties</u>			Pe (C,r)	0,2020		
nC'	643,85	1,68406				Water Resistance	WRs	A	Pe (r,s)
n694,3	694,30	1,68031	Acide Resistance	AR*	4	Pe (s,t)	0,2140		
nr	706,52	1,67952	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>			
ns	852,10	1,67252				Density, g/c.cm.	SG	4,23	10 mm
nt	1 013,90	1,66770	Grindability	HG	HG3	T 365	0,671		
n1060,0	1 060,00	1,66663	Knoop Hardness	KH	322,00	T 400	0,917		
<u>Termal Properties</u>			Photoelastic Coefficient, nm/cm 10 ⁻⁵ Pa	K	2,10	T 440	0,974		
			Transformation Temperature, C	Tg	420	<u>Other Properties</u>			
<u>Temperature Coefficient of Refractive Index</u>			<u>Temperature Coefficient of Refractive Index</u>			Bubble	B	4	
						Expansion Coefficient, 10 ⁻⁷ /C	Alpha	81	Farbcode
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	33					
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	52					
PG&F, TM (UA)			89			4 492 353 000			