

DATA SHEET			TF4			740 275		
Refractive Index	nd	1,75523	Abbe Number	Vd	27,53	Dispersion	nF-nC	0,027430
	ne	1,76171		Ve	27,32		nF'-nC'	0,027879
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,83360	nF-nC	0,027430		Pe (i,h)	0,9870	
nh	404,66	1,80608	nF'-nC'	0,027879		Pe (h,g)	0,5285	
ng	435,83	1,79135	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,5348	
nF'	479,99	1,77644	delta Pe (i,F')	0,0470		Pe (F',e)	0,5282	
n488,0	488,00	1,77426	delta Pe (g,F')	0,0050		Pe (e,d)	0,2323	
ne	546,07	1,76171	delta Pe (F',e)	0,0008		Pe (d,C')	0,2395	
nd	587,56	1,75523	delta Pe (F',r)	0,0000		Pe (e,C')	0,4719	
n632,8	632,80	1,74971	<u>Chemical Properties</u>			Pe (C,r)	0,1990	
nC'	643,85	1,74856	Water Resistance	WRs	A	Pe (r,s)	0,3030	
n694,3	694,30	1,74397	Acide Resistance	AR*	4	Pe (s,t)	0,2040	
nr	706,52	1,74301	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,73457	Density, g/c.cm.	SG	4,77	10 mm		
nt	1 013,90	1,72888	Grindability	HG	HG3	T 365	0,156	
n1060,0	1 060,00	1,72765	Knoop Hardness	KH	293,00	T 400	0,806	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,25	T 440	0,954	
Transformation Temperature, C	Tg	435	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	83	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	48	T 640	0,993	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	72	Ta	0,996	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	40\38
PG&F, TM (UA)			98			4 492 349 000		