

DATA SHEET			TF5			755 281			
Refractive Index	nd	1,74002	Abbe Number	Vd	28,16	Dispersion	nF-nC	0,026280	
	ne	1,74623		Ve	27,94		nF'-nC'	0,026705	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>			
ni	365,00	1,81477	nF-nC	0,026280	Pe (i,h)	0,9800			
nh	404,66	1,78860	nF'-nC'	0,026705	Pe (h,g)	0,5262			
ng	435,83	1,77455	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,5327		
nF'	479,99	1,76032	delta Pe (i,F')	0,0420	Pe (F',e)	0,5276			
n488,0	488,00	1,75823	delta Pe (g,F')	0,0038	Pe (e,d)	0,2324			
ne	546,07	1,74623	delta Pe (F',e)	0,0006	Pe (d,C')	0,2399			
nd	587,56	1,74002	delta Pe (F',r)	-0,0007	Pe (e,C')	0,4724			
n632,8	632,80	1,73473	<u>Chemical Properties</u>			Pe (C,r)	0,1990		
nC'	643,85	1,73362	Water Resistance	WRs	A	Pe (r,s)	0,3040		
n694,3	694,30	1,72923	Acide Resistance	AR*	4	Pe (s,t)	0,2060		
nr	706,52	1,72831				<u>Internal Transmittance</u>			
ns	852,10	1,72019				10 mm			
nt	1 013,90	1,71470				T 365	0,203		
n1060,0	1 060,00	1,71350				T 400	0,822		
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 440	0,962		
Transformation Temperature, C	Tg	440	Density, g/c.cm.	SG	4,65	T 550	0,996		
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	82	Grindability	HG	HG3	T 640	0,993		
			Knoop Hardness	KH	322,00	Ta	0,996		
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	1,50				
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>			
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	44	Bubble		B	4	
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	67	Farbcode		FC	40\38	
<b>PG&amp;F, TM (UA)</b>			<b>101</b>			<b>4 492 347 000</b>			