

DATA SHEET			TK8			614 551			
Refractive Index	nd	1,61410	Abbe Number	Vd	55,13	Dispersion	nF-nC	0,011140	
	ne	1,61675		Ve	54,84		nF'-nC'	0,011247	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>			
ni	365,00	1,64189	nF-nC	0,011140	Pe (i,h)	0,7790			
nh	404,66	1,63313	nF'-nC'	0,011247	Pe (h,g)	0,4560			
ng	435,83	1,62800	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4876		
nF'	479,99	1,62252	delta Pe (i,F')	-0,0240	Pe (F',e)	0,5125			
n488,0	488,00	1,62169	delta Pe (g,F')	-0,0014	Pe (e,d)	0,2360			
ne	546,07	1,61675	delta Pe (F',e)	0,0009	Pe (d,C')	0,2515			
nd	587,56	1,61410	delta Pe (F',r)	-0,0027	Pe (e,C')	0,4875			
n632,8	632,80	1,61177	<u>Chemical Properties</u>			Pe (C,r)	0,2160		
nC'	643,85	1,61127	Water Resistance	WRs	A	Pe (r,s)	0,3490		
n694,3	694,30	1,60927	Acide Resistance	AR*	4	Pe (s,t)	0,2610		
nr	706,52	1,60884				<u>Internal Transmittance</u>			
ns	852,10	1,60491				10 mm			
nt	1 013,90	1,60198				T 365	0,810		
n1060,0	1 060,00	1,60130				T 400	0,956		
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 440	0,985		
Transformation Temperature, C	Tg	635	Density, g/c.cm.	SG	3,61	T 550	0,996		
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	70	Grindability	HG	HG3	T 640	0,994		
			Knoop Hardness	KH	431,00	Ta	0,996		
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,05				
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>			
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	14	Bubble		B	4	
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	26	Farbcode		FC	36\34	
<b>PG&amp;F, TM (UA)</b>			<b>63</b>			<b>4 492 111 000</b>			