

DATA SHEET			TK4			611 558				
Refractive Index	nd	1,61120	Abbe Number	Vd	55,82	Dispersion	nF-nC	0,010950		
	ne	1,61381		Ve	55,53		nF'-nC'	0,011053		
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>				
ni	365,00	1,63843	nF-nC	0,010950		Pe (i,h)	0,7740			
nh	404,66	1,62987	nF'-nC'	0,011053		Pe (h,g)	0,4532			
ng	435,83	1,62486	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4878			
nF'	479,99	1,61947				delta Pe (i,F')	-0,0240		Pe (F',e)	0,5119
n488,0	488,00	1,61866	delta Pe (g,F')	-0,0002		Pe (e,d)	0,2365			
ne	546,07	1,61381	delta Pe (F',e)	0,0007		Pe (d,C')	0,2515			
nd	587,56	1,61120	delta Pe (F',r)	-0,0023		Pe (e,C')	0,4880			
n632,8	632,80	1,60891	<u>Chemical Properties</u>			Pe (C,r)	0,2170			
nC'	643,85	1,60842				Water Resistance	WRs	A	Pe (r,s)	0,3520
n694,3	694,30	1,60644	Acide Resistance	AR*	4	<u>Internal Transmittance</u>				
nr	706,52	1,60602				10 mm				
ns	852,10	1,60213				T 365			0,841	
nt	1 013,90	1,59922				T 400			0,966	
n1060,0	1 060,00	1,59853				T 440			0,987	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550			0,997	
Transformation Temperature, C	Tg	655	Density, g/c.cm.	SG	3,58	T 640			0,994	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	66	Grindability	HG	HG3	Ta			0,997	
			Knoop Hardness	KH	442,00					
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,25					
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>				
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	19		Bubble			B 4	
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	34		Farbcode			FC 36\34	
<b>PG&amp;F, TM (UA)</b>			<b>56</b>			<b>4 492 109 000</b>				