

DATA SHEET			TK20			622 567		
Refractive Index	nd	1,62210	Abbe Number	Vd	56,71	Dispersion	nF-nC	0,010970
	ne	1,62470		Ve	56,43		nF'-nC'	0,011071
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,64930	nF-nC	0,010970		Pe (i,h)	0,7730	
nh	404,66	1,64074	nF'-nC'	0,011071		Pe (h,g)	0,4511	
ng	435,83	1,63575	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4858	
nF'	479,99	1,63037	delta Pe (i,F')	-0,0220		Pe (F',e)	0,5117	
n488,0	488,00	1,62955	delta Pe (g,F')	-0,0008		Pe (e,d)	0,2353	
ne	546,07	1,62470	delta Pe (F',e)	0,0010		Pe (d,C')	0,2530	
nd	587,56	1,62210	delta Pe (F',r)	-0,0026		Pe (e,C')	0,4883	
n632,8	632,80	1,61979	<u>Chemical Properties</u>			Pe (C,r)	0,2170	
nC'	643,85	1,61930	Water Resistance	WRs	A	Pe (r,s)	0,3540	
n694,3	694,30	1,61732	Acide Resistance	AR*	5	Pe (s,t)	0,2660	
nr	706,52	1,61689	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,61297	Density, g/c.cm.	SG	3,58	10 mm		
nt	1 013,90	16,10020	Grindability	HG	HG3	T 365	0,816	
n1060,0	1 060,00	1,60932	Knoop Hardness	KH	449,00	T 400	0,968	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	1,90	T 440	0,989	
Transformation Temperature, C	Tg	650	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Exspansion Coefficient, 10 <sup>-7</sup> /C	Alpha	73	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	0	T 640	0,994	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	12	Ta	0,996	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\34
<b>PG&amp;F, TM (UA)</b>			<b>68</b>			<b>4 492 125 000</b>		