

DATA SHEET			TK21			656 511		
Refractive Index	nd	1,65691	Abbe Number	Vd	51,12	Dispersion	nF-nC	0,012850
	ne	1,65996		Ve	50,82		nF'-nC'	0,012986
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,68949	nF-nC	0,012850		Pe (i,h)	0,8020	
nh	404,66	1,67908	nF'-nC'	0,012986		Pe (h,g)	0,4633	
ng	435,83	1,67306	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4937	
nF'	479,99	1,66665	delta Pe (i,F')	-0,0250		Pe (F',e)	0,5153	
n488,0	488,00	1,66569	delta Pe (g,F')	-0,0013		Pe (e,d)	0,2346	
ne	546,07	1,65996	delta Pe (F',e)	0,0014		Pe (d,C')	0,2501	
nd	587,56	1,65691	delta Pe (F',r)	-0,0028		Pe (e,C')	0,4847	
n632,8	632,80	1,65424	<u>Chemical Properties</u>			Pe (C,r)	0,2130	
nC'	643,85	1,65367	Water Resistance	WRs	A	Pe (r,s)	0,3400	
n694,3	694,30	1,65139	Acide Resistance	AR*	4	Pe (s,t)	0,2480	
nr	706,52	1,65090	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,64648	T 365			0,818		
nt	1 013,90	1,64326	T 400			0,950		
n1060,0	1 060,00	1,64251	T 440			0,978		
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550		
Transformation Temperature, C	Tg	630	Density, g\c.cm.	SG	3,98	T 640		
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	80	Grindability	HG	HG2	0,994		
			Knoop Hardness	KH	406,00	Ta		
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,95	0,996		
<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>			Bubble		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	8		B 4		
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	21		Farbcode		
						FC 36\35		
PG&F, TM (UA)			82			4 492 127 000		