

DATA SHEET			CTK9			742 502		
Refractive Index	nd	1,74253	Abbe Number	Vd	50,24	Dispersion	nF-nC	0,014780
	ne	1,74605		Ve	50,01		nF'-nC'	0,014918
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,77938	nF-nC	0,014780		Pe (i,h)	0,7820	
nh	404,66	1,76772	nF'-nC'	0,014918		Pe (h,g)	0,4535	
ng	435,83	1,76095	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4876	
nF'	479,99	1,75368	delta Pe (i,F')	-0,0690		Pe (F',e)	0,5118	
n488,0	488,00	1,75258	delta Pe (g,F')	-0,0086		Pe (e,d)	0,2356	
ne	546,07	1,74605	delta Pe (F',e)	-0,0026		Pe (d,C')	0,2525	
nd	587,56	1,74253	delta Pe (F',r)	0,0021		Pe (e,C')	0,4882	
n632,8	632,80	1,73943	<u>Chemical Properties</u>			Pe (C,r)	0,2170	
nC'	643,85	1,73876	Water Resistance	WRs	s	Pe (r,s)	0,3540	
n694,3	694,30	1,73609	Acide Resistance	AR*	4	Pe (s,t)	0,2670	
nr	706,52	1,73552	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,73024	Density, glc.cm.	SG	4,11	10 mm		
nt	1 013,90	1,72625	Grindability	HG	HG4	T 365	0,626	
n1060,0	1 060,00	1,72531	Knoop Hardness	KH	-	T 400	0,911	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,00	T 440	0,968	
Transformation Temperature, C	Tg	630	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,994	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	57	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	34	T 640	0,993	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	55	Ta	0,994	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	39\35
PG&F, TM (UA)			99			4 492 170 000		