

DATA SHEET			CTK19			744 504		
Refractive Index	nd	1,74413	Abbe Number	Vd	50,42	Dispersion	nF-nC	0,014760
	ne	1,74765		Ve	50,19		nF'-nC'	0,014895
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,78099	nF-nC	0,014760		Pe (i,h)	0,7850	
nh	404,66	1,76930	nF'-nC'	0,014895		Pe (h,g)	0,4541	
ng	435,83	1,76254	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4877	
nF'	479,99	1,75527	delta Pe (i,F')	-0,0520		Pe (F',e)	0,5120	
n488,0	488,00	1,75418	delta Pe (g,F')	-0,0082		Pe (e,d)	0,2361	
ne	546,07	1,74765	delta Pe (F',e)	-0,0024		Pe (d,C')	0,2519	
nd	587,56	1,74413	delta Pe (F',r)	0,0019		Pe (e,C')	0,4881	
n632,8	632,80	1,74105	<u>Chemical Properties</u>			Pe (C,r)	0,2170	
nC'	643,85	1,74038	Water Resistance	WRs	s	Pe (r,s)	0,3550	
n694,3	694,30	1,73772	Acide Resistance	AR*	4	Pe (s,t)	0,2690	
nr	706,52	1,73714	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,73850	Density, g/c.cm.	SG	4,09	10 mm		
nt	1 013,90	1,72784	Grindability	HG	HG4	T 365	0,810	
n1060,0	1 060,00	1,72692	Knoop Hardness	KH	-	T 400	0,954	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,95	T 440	0,973	
Transformation Temperature, C	Tg	625	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	59	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	37	T 640	0,996	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	54	Ta	0,996	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\34
PG&F, TM (UA)			100			4 492 178 000		