

DATA SHEET			CTK10			737 481		
Refractive Index	nd	1,73794	Abbe Number	Vd	48,11	Dispersion	nF-nC	0,015340
	ne	1,74158		Ve	47,86		nF'-nC'	0,015496
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,77653	nF-nC	0,015340	Pe (i,h)	0,7870		
nh	404,66	1,76434	nF'-nC'	0,015496	Pe (h,g)	0,4626		
ng	435,83	1,75717	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4918	
nF'	479,99	1,74955	delta Pe (i,F')	-0,0700	Pe (F',e)	0,5141		
n488,0	488,00	1,74839	delta Pe (g,F')	-0,0075	Pe (e,d)	0,2355		
ne	546,07	1,74158	delta Pe (F',e)	-0,0014	Pe (d,C')	0,2504		
nd	587,56	1,73794	delta Pe (F',r)	0,0008	Pe (e,C')	0,4858		
n632,8	632,80	1,73474	<u>Chemical Properties</u>			Pe (C,r)	0,2150	
nC'	643,85	1,73406	Water Resistance	WRs	s	Pe (r,s)	0,3480	
n694,3	694,30	1,73131	Acide Resistance	AR*	4	Pe (s,t)	0,2590	
nr	706,52	1,73073	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,72534	Density, g/c.cm.	SG	4,10	10 mm		
nt	1 013,90	1,72132	Grindability	HG	HG4	T 365	0,720	
n1060,0	1 060,00	1,72037	Knoop Hardness	KH	-	T 400	0,949	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,40	T 440	0,983	
Transformation Temperature, C	Tg	570	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,995	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	54	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	61	T 640	0,995	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	81	Ta	0,995	
			<u>Other Properties</u>			Bubble	B	5
						Farbcode	FC	38\35
<b>PG&amp;F, TM (UA)</b>			<b>97</b>			<b>4 492 172 000</b>		