

DATA SHEET			CTK7			687 535		
Refractive Index	nd	1,68701	Abbe Number	Vd	53,59	Dispersion	nF-nC	0,012820
	ne	1,69006		Ve	53,31		nF'-nC'	0,012944
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,71900	nF-nC	0,012820		Pe (i,h)	0,7800	
nh	404,66	1,70890	nF'-nC'	0,012944		Pe (h,g)	0,4549	
ng	435,83	1,70301	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4876	
nF'	479,99	1,69670	delta Pe (i,F')	-0,0380		Pe (F',e)	0,5129	
n488,0	488,00	1,69574	delta Pe (g,F')	-0,0037		Pe (e,d)	0,2355	
ne	546,07	1,69006	delta Pe (F',e)	0,0005		Pe (d,C')	0,2515	
nd	587,56	1,68701	delta Pe (F',r)	-0,0024		Pe (e,C')	0,4870	
n632,8	632,80	1,68433	<u>Chemical Properties</u>			Pe (C,r)	0,2150	
nC'	643,85	1,68376	Water Resistance	WRs	u	Pe (r,s)	0,3480	
n694,3	694,30	1,68146	Acide Resistance	AR*	6	Pe (s,t)	0,2570	
nr	706,52	1,68097	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,67646				T 365	0,808	
nt	1 013,90	1,67313				T 400	0,945	
n1060,0	1 060,00	1,67235				T 440	0,974	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550	0,995	
Transformation Temperature, C	Tg	610	Density, g/c.cm.	SG	4,22	T 640	0,996	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	94	Grindability	HG	HG2	Ta	0,995	
			Knoop Hardness	KH	412,00			
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,40			
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	-40		Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	-23		Farbcode	FC	340
PG&F, TM (UA)			88			4 492 168 000		