

DATA SHEET			CTK16			785 456		
Refractive Index	nd	1,78595	Abbe Number	Vd	45,62	Dispersion	nF-nC	0,017230
	ne	1,79005		Ve	45,37		nF'-nC'	0,017415
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,82999	nF-nC	0,017230		Pe (i,h)	0,8150	
nh	404,66	1,81579	nF'-nC'	0,017415		Pe (h,g)	0,4668	
ng	435,83	1,80766	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4961	
nF'	479,99	1,79902	delta Pe (i,F')	-0,0570		Pe (F',e)	0,5153	
n488,0	488,00	1,79772	delta Pe (g,F')	-0,0069		Pe (e,d)	0,2353	
ne	546,07	1,79005	delta Pe (F',e)	-0,0018		Pe (d,C')	0,2495	
nd	587,56	1,78595	delta Pe (F',r)	0,0019		Pe (e,C')	0,4848	
n632,8	632,80	1,78236	<u>Chemical Properties</u>			Pe (C,r)	0,2140	
nC'	643,85	1,78160	Water Resistance	WRs	u	Pe (r,s)	0,3420	
n694,3	694,30	1,77854	Acide Resistance	AR*	4	Pe (s,t)	0,2530	
nr	706,52	1,77788	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,77192	Density, g\c.cm.	SG	4,61	10 mm		
nt	1 013,90	1,76751	Grindability	HG	HG4	T 365	0,608	
n1060,0	1 060,00	1,76648	Knoop Hardness	KH	-	T 400	0,893	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	1,85	T 440	0,973	
Transformation Temperature, C	Tg	615	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,994	
Exspansion Coefficient, 10 <sup>-7</sup> /C	Alpha	66	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	32	T 640	0,989	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	51	Ta	0,994	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	38\36
<b>PG&amp;F, TM (UA)</b>			<b>108</b>			<b>4 492 177 000</b>		