

DATA SHEET			CTK8			703 496		
Refractive Index	nd	1,70312	Abbe Number	Vd	49,69	Dispersion	nF-nC	0,014150
	ne	1,70650		Ve	49,41		nF'-nC'	0,014298
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,73908	nF-nC	0,014150		Pe (i,h)	0,8060	
nh	404,66	1,72755	nF'-nC'	0,014298		Pe (h,g)	0,4636	
ng	435,83	1,72092	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4948	
nF'	479,99	1,71385	delta Pe (i,F')	-0,0320		Pe (F',e)	0,5141	
n488,0	488,00	1,71279	delta Pe (g,F')	-0,0023		Pe (e,d)	0,2358	
ne	546,07	1,70650	delta Pe (F',e)	-0,0007		Pe (d,C')	0,2501	
nd	587,56	1,70312	delta Pe (F',r)	-0,0009		Pe (e,C')	0,4859	
n632,8	632,80	1,70018	<u>Chemical Properties</u>			Pe (C,r)	0,2140	
nC'	643,85	1,69955	Water Resistance	WRs	s	Pe (r,s)	0,3430	
n694,3	694,30	1,69703	Acide Resistance	AR*	6	Pe (s,t)	0,2520	
nr	706,52	1,69649	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,69158	Density, g\c.cm.	SG	4,16	10 mm		
nt	1 013,90	1,68798	Grindability	HG	HG2	T 365	-	
n1060,0	1 060,00	1,68715	Knoop Hardness	KH	417,00	T 400	0,947	
<u>Thermal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,50	T 440	0,977	
Transformation Temperature, C	Tg	605	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	92	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-33	T 640	0,994	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	-23	Ta	0,996	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	38\35
PG&F, TM (UA)			92			4 492 169 000		