

DATA SHEET			CTK12			692 550		
Refractive Index	nd	1,69201	Abbe Number	Vd	55,01	Dispersion	nF-nC	0,012580
	ne	1,69501		Ve	54,79		nF'-nC'	0,012684
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,72292	nF-nC	0,012580		Pe (i,h)	0,7600	
nh	404,66	1,71328	nF'-nC'	0,012684		Pe (h,g)	0,4486	
ng	435,83	1,70759	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4824	
nF'	479,99	1,70147	delta Pe (i,F')	-0,0560		Pe (F',e)	0,5094	
n488,0	488,00	1,70054	delta Pe (g,F')	-0,0066		Pe (e,d)	0,2363	
ne	546,07	1,69501	delta Pe (F',e)	-0,0022		Pe (d,C')	0,2542	
nd	587,56	1,69201	delta Pe (F',r)	0,0018		Pe (e,C')	0,4905	
n632,8	632,80	1,68936	<u>Chemical Properties</u>			Pe (C,r)	0,2210	
nC'	643,85	1,68879	Water Resistance	WRs	s	Pe (r,s)	0,3670	
n694,3	694,30	1,68648	Acide Resistance	AR*	5	Pe (s,t)	0,2850	
nr	706,52	1,68599	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,68134	Density, g/c.cm.	SG	3,46	10 mm		
nt	1 013,90	1,67772	Grindability	HG	HG4	T 365	0,832	
n1060,0	1 060,00	1,67684	Knoop Hardness	KH	-	T 400	0,975	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,85	T 440	0,986	
Transformation Temperature, C	Tg	640	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,997	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	67	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	12	T 640	0,995	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	24	Ta	0,997	
						<u>Other Properties</u>		
						Bubble	B 4	
						Farbcode	FC 36\33	
PG&F, TM (UA)			91			4 492 174 000		