

DATA SHEET			CTK15			709 547			
Refractive Index	nd	1,70931	Abbe Number	Vd	54,77	Dispersion	nF-nC	0,012950	
	ne	1,71240		Ve	54,56		nF'-nC'	0,013058	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>			
ni	365,00	1,74130	nF-nC	0,012950		Pe (i,h)	0,7700		
nh	404,66	1,73125	nF'-nC'	0,013058		Pe (h,g)	0,4505		
ng	435,83	1,72537	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4828		
nF'	479,99	1,71906	delta Pe (i,F')	-0,0460		Pe (F',e)	0,5100		
n488,0	488,00	1,71811	delta Pe (g,F')	-0,0066		Pe (e,d)	0,2366		
ne	546,07	1,71240	delta Pe (F',e)	-0,0018		Pe (d,C')	0,2534		
nd	587,56	1,70931	delta Pe (F',r)	0,0031		Pe (e,C')	0,4901		
n632,8	632,80	1,70658	<u>Chemical Properties</u>			Pe (C,r)	0,2220		
nC'	643,85	1,70600	Water Resistance	WRs	u	Pe (r,s)	0,3650		
n694,3	694,30	1,70362	Acide Resistance	AR*	4	Pe (s,t)	0,2830		
nr	706,52	1,70311	<u>Internal Transmittance</u>			10 mm			
ns	852,10	1,69834	T 365			0,593			
nt	1 013,90	1,69464	T 400			0,922			
n1060,0	1 060,00	1,69374	T 440			0,982			
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 550			
Transformation Temperature, C	Tg	645	Density, g\c.cm.	SG	3,77	T 640			
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	64	Grindability	HG	HG4	T 640			
			Knoop Hardness	KH	-	Ta			
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,70	0,996			
<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>			Bubble			
Range of Temperature, C: - 60 ... 20, C'-Line		NTabs	14		Farbcode			B	5
Range of Temperature, C: 20 ... 120, C'-Line		NTabs	29		FC			39\36	
PG&F, TM (UA)			93			4 492 176 000			