

DATA SHEET			CTK20			764 502		
Refractive Index	nd	1,76483	Abbe Number	Vd	50,25	Dispersion	nF-nC	0,015220
	ne	1,76846		Ve	50,02		nF'-nC'	0,015362
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	-	nF-nC	0,015220	Pe (i,h)	-		
nh	404,66	1,79084	nF'-nC'	0,015362	Pe (h,g)	0,4561		
ng	435,83	1,78383			Pe (g,F')	0,4886		
nF'	479,99	1,77633	<u>Deviation of Relative Partial Dispersions</u>			Pe (F',e)	0,5120	
n488,0	488,00	1,77519	delta Pe (i,F')	-	Pe (e,d)	0,2366		
ne	546,07	1,76846	delta Pe (g,F')	-0,0070	Pe (d,C')	0,2515		
nd	587,56	1,76483	delta Pe (F',e)	-0,0024	Pe (e,C')	0,4881		
n632,8	632,80	1,76165	delta Pe (F',r)	0,0017	Pe (C,r)	0,2170		
nC'	643,85	1,76096	<u>Chemical Properties</u>			Pe (r,s)	0,3550	
n694,3	694,30	1,75821	Water Resistance	WRs	s	Pe (s,t)	0,2700	
nr	706,52	1,75763	Acide Resistance	AR*	4	<u>Internal Transmittance</u>		
ns	852,10	1,75217				10 mm		
nt	1 013,90	1,74802				T 365	0,897	
n1060,0	1 060,00	1,74703				T 400	0,949	
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 440	0,983	
Transformation Temperature, C	Tg	675	Density, g/c.cm.	SG	4,36	T 550	-	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha	62	Grindability	HG	HG5	T 640	0,997	
			Knoop Hardness	KH	-	Ta	0,998	
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	1,45			
<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>					
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	-5		Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	29		Farbcode	FC	36\34
<b>PG&amp;F, TM (UA)</b>			<b>103</b>			<b>4 492 180 000</b>		