

DATA SHEET			TK16			612 583		
Refractive Index	nd	1,61269	Abbe Number	Vd	58,35	Dispersion	nF-nC	0,010500
	ne	1,61519		Ve	58,08		nF'-nC'	0,010592
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,63862	nF-nC	0,010500		Pe (i,h)	0,7680	
nh	404,66	1,63049	nF'-nC'	0,010592		Pe (h,g)	0,4490	
ng	435,83	1,62573	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4849	
nF'	479,99	1,62060	delta Pe (i,F')	-0,0150		Pe (F',e)	0,5104	
n488,0	488,00	1,61983	delta Pe (g,F')	0,0007		Pe (e,d)	0,2358	
ne	546,07	1,61519	delta Pe (F',e)	0,0007		Pe (d,C')	0,2537	
nd	587,56	1,61269	delta Pe (F',r)	-0,0024		Pe (e,C')	0,4895	
n632,8	632,80	1,61048	<u>Chemical Properties</u>			Pe (C,r)	0,2190	
nC'	643,85	1,61001	Water Resistance	WRs	A	Pe (r,s)	0,3590	
n694,3	694,30	1,60810	Acide Resistance	AR*	4	Pe (s,t)	0,2720	
nr	706,52	1,60769	<u>Internal Transmittance</u>			10 mm		
ns	852,10	1,60389				T 365	0,805	
nt	1 013,90	1,60101				T 400	0,964	
n1060,0	1 060,00	1,60032				T 440	0,983	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550	0,996	
Transformation Temperature, C	Tg	630	Density, g\c.cm.	SG	3,56	T 640	0,993	
Exspansion Coefficient, 10 ⁻⁷ /C	Alpha	73	Grindability	HG	HG3	Ta	0,996	
			Knoop Hardness	KH	473,00			
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,85			
<u>Temperature Coefficient of Refractive Index</u>			<u>Other Properties</u>					
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	-2		Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	13		Farbcode	FC	36\34
PG&F, TM (UA)			59			4 492 119 000		