

DATA SHEET			TK9			617 540		
Refractive Index	nd	1,61720	Abbe Number	Vd	54,05	Dispersion	nF-nC	0,011420
	ne	1,61993		Ve	53,76		nF'-nC'	0,011531
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,64583	nF-nC	0,011420		Pe (i,h)	0,7870	
nh	404,66	1,63675	nF'-nC'	0,011531		Pe (h,g)	0,4568	
ng	435,83	1,63148	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4895	
nF'	479,99	1,62584	delta Pe (i,F')	-0,0230		Pe (F',e)	0,5127	
n488,0	488,00	1,62499	delta Pe (g,F')	-0,0011		Pe (e,d)	0,2362	
ne	546,07	1,61993	delta Pe (F',e)	0,0005		Pe (d,C')	0,2511	
nd	587,56	1,61720	delta Pe (F',r)	-0,0023		Pe (e,C')	0,4873	
n632,8	632,80	1,61482	<u>Chemical Properties</u>			Pe (C,r)	0,2160	
nC'	643,85	1,61431	Water Resistance	WRs	A	Pe (r,s)	0,3490	
n694,3	694,30	1,61226	Acide Resistance	AR*	5	Pe (s,t)	0,2580	
nr	706,52	1,61182	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,60780	Density, g\c.cm.	SG	3,62	10 mm		
nt	1 013,90	1,60482	Grindability	HG	HG3	T 365	0,824	
n1060,0	1 060,00	1,60412	Knoop Hardness	KH	-	T 400	0,957	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,35	T 440	0,981	
Transformation Temperature, C	Tg	580	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	75	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	12	T 640	0,993	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	26	Ta	0,996	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	36\34
PG&F, TM (UA)			65			4 492 113 000		