

DATA SHEET			TK14			613 605		
Refractive Index	nd	1,61309	Abbe Number	Vd	60,58	Dispersion	nF-nC	0,010120
	ne	1,61551		Ve	60,33		nF'-nC'	0,010203
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,63791	nF-nC	0,010120		Pe (i,h)	0,7600	
nh	404,66	1,63016	nF'-nC'	0,010203		Pe (h,g)	0,4463	
ng	435,83	1,62561	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4806	
nF'	479,99	1,62070				delta Pe (i,F')	-0,0090	
n488,0	488,00	1,61996	delta Pe (g,F')	-0,0002		Pe (e,d)	0,2367	
ne	546,07	1,61551	delta Pe (F',e)	0,0008		Pe (d,C')	0,2541	
nd	587,56	1,61309	delta Pe (F',r)	-0,0023		Pe (e,C')	0,4907	
n632,8	632,80	1,61096	<u>Chemical Properties</u>			Pe (C,r)	0,2200	
nC'	643,85	1,61050				Water Resistance	WRs	A
n694,3	694,30	1,60864	Acide Resistance	AR*	5	Pe (s,t)	0,2840	
nr	706,52	1,60825	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,60451				Density, g/c.cm.	SG	3,51
nt	1 013,90	1,60161	Grindability	HG	HG3	T 365	0,842	
n1060,0	1 060,00	1,60090	Knoop Hardness	KH	464,00	T 400	0,964	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	1,85	T 440	0,983	
Transformation Temperature, C	Tg	640	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	69				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-3
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	9	Ta	0,995	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	36\34
PG&F, TM (UA)			61			4 492 121 000		