

DATA SHEET			TK12			568 629		
Refractive Index	nd	1,56888	Abbe Number	Vd	62,93	Dispersion	nF-nC	0,009040
	ne	1,57104		Ve	62,71		nF'-nC'	0,009106
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,59084	nF-nC	0,009040		Pe (i,h)	0,7490	
nh	404,66	1,58402	nF'-nC'	0,009106		Pe (h,g)	0,4413	
ng	435,83	1,58000	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4766	
nF'	479,99	1,57566				delta Pe (i,F')	-0,0060	
n488,0	488,00	1,57499	delta Pe (g,F')	-0,0007		Pe (e,d)	0,2370	
ne	546,07	1,57104	delta Pe (F',e)	0,0004		Pe (d,C')	0,2554	
nd	587,56	1,56888	delta Pe (F',r)	-0,0010		Pe (e,C')	0,4924	
n632,8	632,80	1,56697	<u>Chemical Properties</u>			Pe (C,r)	0,2230	
nC'	643,85	1,56656				Water Resistance	WRs	A
n694,3	694,30	1,56488	Acide Resistance	AR*	4	Pe (s,t)	0,2990	
nr	706,52	1,56452	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,56110				Density, g/c.cm.	SG	3,06
nt	1 013,90	1,55838	Grindability	HG	HG3	T 365	0,896	
n1060,0	1 060,00	1,55771	Knoop Hardness	KH	491,00	T 400	0,985	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 <sup>^</sup> -5 Pa	K	2,40	T 440	0,989	
Transformation Temperature, C	Tg	605	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Expansion Coefficient, 10 <sup>^-7</sup> /C	Alpha	65				NTabs	6	T 640
			NTabs	20	Ta	0,996		
			<u>Other Properties</u>			Bubble	B	4
<b>PG&amp;F, TM (UA)</b>			<b>36</b>			<b>4 492 115 000</b>		