

DATA SHEET			TK23			589 612			
Refractive Index	nd	1,58919	Abbe Number	Vd	61,25	Dispersion	nF-nC	0,009620	
	ne	1,59147		Ve	61,01		nF'-nC'	0,009695	
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>			
ni	365,00	1,61262	nF-nC	0,009620		Pe (i,h)	0,7530		
nh	404,66	1,60532	nF'-nC'	0,009695		Pe (h,g)	0,4413		
ng	435,83	1,60104	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4782		
nF'	479,99	1,59641				delta Pe (i,F')	-0,0160		Pe (F',e)
n488,0	488,00	1,59570	delta Pe (g,F')	-0,0017		Pe (e,d)	0,2355		
ne	546,07	1,59147	delta Pe (F',e)	0,0010		Pe (d,C')	0,2555		
nd	587,56	1,58919	delta Pe (F',r)	-0,0024		Pe (e,C')	0,4910		
n632,8	632,80	1,58715	<u>Chemical Properties</u>			Pe (C,r)	0,2210		
nC'	643,85	1,58671				Water Resistance	WRs	A	Pe (r,s)
n694,3	694,30	1,58495	Acide Resistance	AR*	5	<u>Internal Transmittance</u>			
nr	706,52	1,58457	<u>Mechanical Properties</u>			10 mm			
ns	852,10	1,58100				Density, g/c.cm.	SG	3,24	T 365
nt	1 013,90	1,57821	Grindability	HG	HG3	T 400	0,960		
n1060,0	1 060,00	1,57753	Knoop Hardness	KH	486,00	T 440	0,986		
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm	K	2,30	T 550	0,995		
Transformation Temperature, C	Tg	645	10 <sup>-5</sup> Pa				T 640	0,994	
Exspansion Coefficient, 10 <sup>-7</sup> /C	Alpha	59				Ta	0,995		
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>			
Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	14				Bubble	B	4	
Range of Temperature, C: 20 ... 120, C'-Line	NTabs	30				Farbcode	FC	36\34	
<b>PG&amp;F, TM (UA)</b>			<b>48</b>			<b>4 492 129 000</b>			