

DATA SHEET			K3			510 633		
Refractive Index	nd	1,51007	Abbe Number	Vd	45,13	Dispersion	nF-nC	0,008050
	ne	1,51990		Ve	63,14		nF'-nC'	0,008109
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,52962	nF-nC	0,008050		Pe (i,h)	0,7470	
nh	404,66	1,52356	nF'-nC'	0,008109		Pe (h,g)	0,4410	
ng	435,83	1,51998	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4782	
nF'	479,99	1,51611	delta Pe (i,F')	-0,0030		Pe (F',e)	0,5072	
n488,0	488,00	1,51552	delta Pe (g,F')	0,0015		Pe (e,d)	0,2366	
ne	546,07	1,51990	delta Pe (F',e)	0,0003		Pe (d,C')	0,2561	
nd	587,56	1,51007	delta Pe (F',r)	-0,0002		Pe (e,C')	0,4928	
n632,8	632,80	1,50837	<u>Chemical Properties</u>			Pe (C,r)	0,2240	
nC'	643,85	1,50800	Water Resistance	WRs	B	Pe (r,s)	0,3760	
n694,3	694,30	1,50650	Acide Resistance	AR*	1	Pe (s,t)	0,3010	
nr	706,52	1,50618				<u>Internal Transmittance</u>		
ns	852,10	1,50313				10 mm		
nt	1 013,90	1,50069				T 365	0,919	
n1060,0	1 060,00	1,50009				T 400	0,978	
<u>Thermal Properties</u>			<u>Mechanical Properties</u>			T 440	0,983	
Transformation Temperature, C	Tg	550	Density, g/c.cm.	SG	2,47	T 550	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	83	Grindability	HG	HG4	T 640	0,993	
			Knoop Hardness	KH	-	Ta	0,995	
			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	2,75			
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>		
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	0		Bubble	B	4
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	14		Farbcode	FC	34\32
PG&F, TM (UA)			11			4 492 054 000		