

DATA SHEET			K8			516 640				
Refractive Index	nd	1,51637	Abbe Number	Vd	45,20	Dispersion	nF-nC	0,008060		
	ne	1,51829		Ve	63,87		nF'-nC'	0,008115		
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>				
ni	365,00	1,53582	nF-nC	0,008060		Pe (i,h)	0,7390			
nh	404,66	1,52982	nF'-nC'	0,008115		Pe (h,g)	0,4380			
ng	435,83	1,52627	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4754			
nF'	479,99	1,52241				delta Pe (i,F')	-0,0100		Pe (F',e)	0,5070
n488,0	488,00	1,52181	delta Pe (g,F')	-0,0003		Pe (e,d)	0,2367			
ne	546,07	1,51829	delta Pe (F',e)	0,0004		Pe (d,C')	0,2564			
nd	587,56	1,51637	delta Pe (F',r)	0,0004		Pe (e,C')	0,4931			
n632,8	632,80	1,51466	<u>Chemical Properties</u>			Pe (C,r)	0,2260			
nC'	643,85	1,51429				Water Resistance	WRs	A	Pe (r,s)	0,3810
n694,3	694,30	1,51279	Acide Resistance	AR*	1	<u>Internal Transmittance</u>				
nr	706,52	1,51246				10 mm				
ns	852,10	1,50937				T 365			0,971	
nt	1 013,90	1,50687				T 400			0,992	
n1060,0	1 060,00	1,50625				T 440			0,990	
<u>Termal Properties</u>			<u>Mechanical Properties</u>			T 550			0,996	
Transformation Temperature, C	Tg	550 76	Density, g/c.cm.	SG	2,52	T 640			0,992	
Expansion Coefficient, 10 <sup>-7</sup> /C	Alpha		Grindability	HG	HG4	Ta			0,996	
			Knoop Hardness	KH	498,00					
			Photoelastic Coefficient, nm\cm 10 <sup>-5</sup> Pa	K	2,70					
<u>Temperature Coefficient of Refractive Index</u>						<u>Other Properties</u>				
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	3		Bubble	B	3		
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	18		Farbcode	FC	34\32		
<b>PG&amp;F, TM (UA)</b>			<b>14</b>			<b>4 492 056 000</b>				