

DATA SHEET			K19			518 616		
Refractive Index	nd	1,51878	Abbe Number	Vd	61,69	Dispersion	nF-nC	0,008410
	ne	1,52079		Ve	61,45		nF'-nC'	0,008475
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,53934	nF-nC	0,008410		Pe (i,h)	0,7560	
nh	404,66	1,53293	nF'-nC'	0,008475		Pe (h,g)	0,4439	
ng	435,83	1,52917	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4807	
nF'	479,99	1,52509	delta Pe (i,F')	-0,0040		Pe (F',e)	0,5082	
n488,0	488,00	1,52448	delta Pe (g,F')	0,0015		Pe (e,d)	0,2372	
ne	546,07	1,52079	delta Pe (F',e)	0,0003		Pe (d,C')	0,2545	
nd	587,56	1,51878	delta Pe (F',r)	-0,0006		Pe (e,C')	0,4917	
n632,8	632,80	1,51700	<u>Chemical Properties</u>			Pe (C,r)	0,2230	
nC'	643,85	1,51662	Water Resistance	WRs	A	Pe (r,s)	0,3710	
n694,3	694,30	1,51507	Acide Resistance	AR*	1	Pe (s,t)	0,2900	
nr	706,52	1,51473	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,51159	Density, g/c.cm.	SG	2,62	10 mm		
nt	1 013,90	1,50913	Grindability	HG	HG3	T 365	0,971	
n1060,0	1 060,00	1,50853	Knoop Hardness	KH	479,00	T 400	0,993	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,00	T 440	0,991	
Transformation Temperature, C	Tg	505	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,995	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	80	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	3	T 640	0,992	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	13	Ta	0,995	
			<u>Other Properties</u>			Bubble	B	3
						Farbcode	FC	35\31
PG&F, TM (UA)			17			4 492 064 000		