

DATA SHEET			LK1			439 688		
Refractive Index	nd	1,43986	Abbe Number	Vd	68,84	Dispersion	nF-nC	0,006390
	ne	1,44138		Ve	68,57		nF'-nC'	0,006430
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,45534	nF-nC	0,006390		Pe (i,h)	0,7460	
nh	404,66	1,45054	nF'-nC'	0,006430		Pe (h,g)	0,4405	
ng	435,83	1,44770	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4745	
nF'	479,99	1,44465				delta Pe (i,F')	0,0420	
n488,0	488,00	1,44418	delta Pe (g,F')	0,0060		Pe (e,d)	0,2368	
ne	546,07	1,44138	delta Pe (F',e)	0,0039		Pe (d,C')	0,2566	
nd	587,56	1,43986	delta Pe (F',r)	-0,0061		Pe (e,C')	0,4923	
n632,8	632,80	1,43851	<u>Chemical Properties</u>			Pe (C,r)	0,2230	
nC'	643,85	1,43821				Water Resistance	WRs	A
n694,3	694,30	1,43704	Acide Resistance	AR*	4	<u>Internal Transmittance</u>		
nr	706,52	1,43678	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,43439				Density, g\c.cm.	SG	2,33
nt	1 013,90	1,43252	Grindability	HG	HG3	T 400	0,986	
n1060,0	1 060,00	1,43206	Knoop Hardness	KH	-	T 440	0,987	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 ⁻⁵ Pa	K	3,00	T 550	-	
Transformation Temperature, C	Tg	410	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,992	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	113				Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	-53
<u>Temperature Coefficient of Refractive Index</u>			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	-36	<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	37\30
PG&F, TM (UA)			1			4 492 001 000		