

DATA SHEET			LK4			490 651		
Refractive Index	nd	1,49037	Abbe Number	Vd	45,32	Dispersion	nF-nC	0,007530
	ne	1,49217		Ve	64,96		nF'-nC'	0,007577
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,50847	nF-nC	0,007530		Pe (i,h)	0,7390	
nh	404,66	1,50287	nF'-nC'	0,007577		Pe (h,g)	0,4351	
ng	435,83	1,49957	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4720	
nF'	479,99	1,49600	delta Pe (i,F')	-0,0060		Pe (F',e)	0,5049	
n488,0	488,00	1,49545	delta Pe (g,F')	-0,0021		Pe (e,d)	0,2378	
ne	546,07	1,49217	delta Pe (F',e)	-0,0009		Pe (d,C')	0,2573	
nd	587,56	1,49037	delta Pe (F',r)	0,0009		Pe (e,C')	0,4950	
n632,8	632,80	1,48877	<u>Chemical Properties</u>			Pe (C,r)	0,2270	
nC'	643,85	1,48842	Water Resistance	WRs	A	Pe (r,s)	0,3880	
n694,3	694,30	1,48700	Acide Resistance	AR*	3	Pe (s,t)	0,3180	
nr	706,52	1,48670	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,48376	Density, glc.cm.	SG	2,33	10 mm		
nt	1 013,90	1,48135	Grindability	HG	HG3	T 365	0,975	
n1060,0	1 060,00	1,48075	Knoop Hardness	KH	-	T 400	0,992	
<u>Termal Properties</u>			Photoelastic Coefficient, nm\cm 10 [^] -5 Pa	K	3,70	T 440	0,988	
Transformation Temperature, C	Tg	560	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,997	
Expansion Coefficient, 10 ^{^-7} /C	Alpha	52	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	19	T 640	0,995	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	36	Ta	0,997	
			<u>Other Properties</u>			Bubble	B	4
						Farbcode	FC	35\31
PG&F, TM (UA)			7			4 492 004 000		