

DATA SHEET			LK7			482 663		
Refractive Index	nd	1,48287	Abbe Number	Vd	46,00	Dispersion	nF-nC	0,007280
	ne	1,48461		Ve	66,17		nF'-nC'	0,007324
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Realative Partial Dispersions</u>		
ni	365,00	1,50025	nF-nC	0,007280		Pe (i,h)	0,7300	
nh	404,66	1,49490	nF'-nC'	0,007324		Pe (h,g)	0,4317	
ng	435,83	1,49174	<u>Deviation of Realative Partial Dispersions</u>			Pe (g,F')	0,4697	
nF'	479,99	1,48830	delta Pe (i,F')	-0,0090		Pe (F',e)	0,5039	
n488,0	488,00	1,48777	delta Pe (g,F')	-0,0025		Pe (e,d)	0,2379	
ne	546,07	1,48461	delta Pe (F',e)	-0,0012		Pe (d,C')	0,2582	
nd	587,56	1,48287	delta Pe (F',r)	0,0004		Pe (e,C')	0,4961	
n632,8	632,80	1,48131	<u>Chemical Properties</u>			Pe (C,r)	0,2270	
nC'	643,85	1,48098	Water Resistance	WRs	A	Pe (r,s)	0,3900	
n694,3	694,30	1,47960	Acide Resistance	AR*	1	Pe (s,t)	0,3200	
nr	706,52	1,47931	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,47645	Density, g/c.cm.	SG	2,30	10 mm		
nt	1 013,90	1,47411	Grindability	HG	HG5	T 365	0,938	
n1060,0	1 060,00	1,47352	Knoop Hardness	KH	443,00	T 400	0,986	
<u>Termal Properties</u>			Photoelastic Coefficient,	K	3,55	T 440	0,975	
Transformation Temperature, C	Tg	610	nm\cm 10 ⁻⁵ Pa			T 550	0,991	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	44				T 640	0,989	
<u>Temperature Coefficient of Refractive Index</u>						Ta	0,991	
Range of Temperature, C: - 60 ... 20, C'-Line			NTabs	34		<u>Other Properties</u>		
Range of Temperature, C: 20 ... 120, C'-Line			NTabs	50		Bubble	B	4
						Farbcode	FC	35\32
PG&F, TM (UA)			5			4 492 009 000		