

DATA SHEET			LK8			470 685		
Refractive Index	nd	1,47086	Abbe Number	Vd	47,86	Dispersion	nF-nC	0,006870
	ne	1,47249		Ve	68,36		nF'-nC'	0,006912
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,48721	nF-nC	0,006870		Pe (i,h)	0,7260	
nh	404,66	1,48219	nF'-nC'	0,006912		Pe (h,g)	0,4301	
ng	435,83	1,47922	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4680	
nF'	479,99	1,47598	delta Pe (i,F')	-		Pe (F',e)	0,5054	
n488,0	488,00	1,47548	delta Pe (g,F')	-0,0010		Pe (e,d)	0,2352	
ne	546,07	1,47249	delta Pe (F',e)	0,0014		Pe (d,C')	0,2595	
nd	587,56	1,47086	delta Pe (F',r)	-0,0030		Pe (e,C')	0,4948	
n632,8	632,80	1,46939	<u>Chemical Properties</u>			Pe (C,r)	0,2260	
nC'	643,85	1,46907	Water Resistance	WRs	A	Pe (r,s)	0,3860	
n694,3	694,30	1,46779	Acide Resistance	AR*	2	Pe (s,t)	0,3170	
nr	706,52	1,46751	<u>Mechanical Properties</u>			<u>Internal Transmittance</u>		
ns	852,10	1,46484	Density, g/c.cm.	SG	2,32	10 mm		
nt	1 013,90	1,46265	Grindability	HG	HG4	T 365	0,996	
n1060,0	1 060,00	1,46211	Knoop Hardness	KH	-	T 400	0,996	
<u>Termal Properties</u>			Photoelastic Coefficient, nm/lcm 10 [^] -5 Pa	K	3,40	T 440	0,995	
Transformation Temperature, C	Tg	500	<u>Temperature Coefficient of Refractive Index</u>			T 550	0,996	
Exspansion Coefficient, 10 [^] -7/C	Alpha	56	Range of Temperature, C: - 60 ... 20, C'-Line	NTabs	11	T 640	0,993	
			Range of Temperature, C: 20 ... 120, C'-Line	NTabs	31	Ta	0,996	
						<u>Other Properties</u>		
						Bubble	B	4
						Farbcode	FC	33\29
PG&F, TM (UA)			3			4 492 011 000		