

DATA SHEET			LK5			478 655		
Refractive Index	nd	1,47817	Abbe Number	Vd	45,23	Dispersion	nF-nC	0,007290
	ne	1,47990		Ve	65,44		nF'-nC'	0,007334
<u>Refractive Indices</u>			<u>Partial Dispersions</u>			<u>Relative Partial Dispersions</u>		
ni	365,00	1,49561	nF-nC	0,007290		Pe (i,h)	0,7320	
nh	404,66	1,49024	nF'-nC'	0,007334		Pe (h,g)	0,4329	
ng	435,83	1,48706	<u>Deviation of Relative Partial Dispersions</u>			Pe (g,F')	0,4723	
nF'	479,99	1,48360				delta Pe (i,F')	-0,0100	
n488,0	488,00	1,48307	delta Pe (g,F')	-0,0010		Pe (e,d)	0,2367	
ne	546,07	1,47990	delta Pe (F',e)	-0,0012		Pe (d,C')	0,2589	
nd	587,56	1,47817	delta Pe (F',r)	0,0022		Pe (e,C')	0,4956	
n632,8	632,80	1,47660	<u>Chemical Properties</u>			Pe (C,r)	0,2290	
nC'	643,85	1,47627				Water Resistance	WRs	A
n694,3	694,30	1,47489	Acide Resistance	AR*	4	<u>Internal Transmittance</u>		
nr	706,52	1,47459	<u>Mechanical Properties</u>			10 mm		
ns	852,10	1,47171				Density, g/c.cm.	SG	2,27
nt	1 013,90	1,46933	Grindability	HG	HG5	T 400	0,973	
n1060,0	1 060,00	1,46873	Knoop Hardness	KH	521,00	T 440	0,975	
<u>Termal Properties</u>			Photoelastic Coefficient, nm/cm 10 ⁻⁵ Pa	K	3,55	T 550	0,993	
Transformation Temperature, C	Tg	625	<u>Temperature Coefficient of Refractive Index</u>			T 640	0,990	
Expansion Coefficient, 10 ⁻⁷ /C	Alpha	35				NTabs	46	Ta
Range of Temperature, C: - 60 ... 20, C'-Line			Range of Temperature, C: 20 ... 120, C'-Line			<u>Other Properties</u>		
						Bubble	B	4
Range of Temperature, C: - 60 ... 20, C'-Line			Range of Temperature, C: 20 ... 120, C'-Line			Farbcode	FC	35\33
						PG&F, TM (UA)		