

<b>D-LaF53</b>	<b>743493</b>	$n_d=1.74330$	$\nu_d=49.33$	$n_F - n_C = 0.015069$
		$n_e=1.74689$	$\nu_e=49.07$	$n_{F'} - n_{C'} = 0.015221$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	$\lambda$ (nm)		$P_{d,c}$	0.3013	$P'_{d,c'}$	0.2509	$\lambda$ (nm)	$\tau$ 5 mm	$\tau$ 10 mm
$n_t$	1014.0	1.72683	$P_{e,d}$	0.2382	$P'_{e,d}$	0.2359	2400	0.83	0.68
$n_r$	706.5	1.73619	$P_{g,F}$	0.5516	$P'_{g,F'}$	0.4889	2200	0.957	0.915
$n_c$	656.3	1.73876					2000	0.985	0.971
$n_{c'}$	643.8	1.73948	<b>Chemical Properties</b>				1800	0.997	0.995
$n_{He-Ne}$	632.8	1.74016			Grade		1600	0.999	0.998
$n_D$	589.3	1.74317	RC(S)		1		1400	0.999	0.998
$n_d$	587.6	1.74330	RA(S)		3		1200	0.999	0.998
$n_e$	546.1	1.74689	$D_W$		1		1060	0.999	0.998
$n_F$	486.1	1.75383	$D_A$		6		1000	0.999	0.998
$n_{F'}$	480.0	1.75470					950	0.999	0.998
$n_g$	435.8	1.76214	<b>Thermal Properties</b>				900	0.999	0.998
$n_h$	404.7	1.76910	$T_g$ (°C)		557		850	0.999	0.998
$n_i$	365.0	1.78111	$T_s$ (°C)		590		800	0.996	0.992
			$T_{10}^{14.5}$ (°C)		513		700	0.995	0.991
			$T_{10}^{13}$ (°C)		538		650	0.995	0.990
			$T_{10}^{7.6}$ (°C)		641		600	0.995	0.989
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		60		550	0.995	0.990
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		72		500	0.994	0.989
			$\lambda$ (W/m · K)				480	0.994	0.987
							460	0.993	0.986
			<b>Mechanical Properties</b>				440	0.992	0.983
			$H_K$ ( $10^7$ Pa)		673		420	0.990	0.980
			$F_A$		101		400	0.985	0.971
			$E$ ( $10^7$ Pa)		11978		390	0.980	0.960
			$G$ ( $10^7$ Pa)		4614		380	0.971	0.943
			$\mu$		0.298		370	0.954	0.911
			$B$ ( $10^{-12}$ /Pa)		2.20		360	0.925	0.855
							350	0.88	0.77
			<b>Other Properties</b>				340	0.81	0.65
			$\rho$ (g/cm <sup>3</sup> )		4.26		330	0.72	0.51
							320	0.60	0.37
							310	0.45	0.21
							300	0.38	0.14
							290	0.29	0.09
							280	0.18	0.03
							<b>Coloration Code</b>		
							$\lambda_{80}/\lambda_5$	37/28	
<b>Constants of Dispersion Formula</b>									
$A_0$	2.9723709								
$A_1$	$-1.3286000 \times 10^{-2}$								
$A_2$	$2.3560287 \times 10^{-2}$								
$A_3$	$3.1921166 \times 10^{-4}$								
$A_4$	$1.7042509 \times 10^{-5}$								
$A_5$	$-8.9680229 \times 10^{-8}$								
<b>Deviation of Relative Partial Dispersions <math>\Delta P</math> from the "Normal Line"</b>									
$\Delta P_{F,e}$	-0.0022								
$\Delta P_{g,F}$	-0.0100								
<b>Temperature Coefficients of Refractive Index</b>									
<b>Rang of Temperature</b>	<b>dn/dt relative(<math>10^{-6}/^\circ C</math>)</b>								
	t	$C'$	d	e	$F'$	g			
-40~-20	4.8	5.3	5.7	5.8	6.0	6.6			
-20~0	5.8	6.4	6.8	7.2	7.5	7.9			
0~20	6.0	6.6	7.2	7.3	8.2	8.9			
20~40	6.4	7.2	7.4	7.5	8.3	9.0			
40~60	6.6	7.3	7.6	7.6	8.5	9.1			
60~80	7.0	7.4	7.6	7.9	8.5	9.3			