

D-LaF82L	735488	$n_d=1.73485$	$\nu_d=48.77$	$n_F - n_c = 0.015068$
		$n_e=1.73843$	$\nu_e=48.54$	$n_{F'} - n_{c'} = 0.015214$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.3020	$P'_{d,c'}$	0.2518	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.71834	$P_{e,d}$	0.2373	$P'_{e,d}$	0.2350	2400	0.81	0.66
n_r	706.5	1.72771	$P_{g,F}$	0.5523	$P'_{g,F'}$	0.4901	2200	0.949	0.901
n_c	656.3	1.73030					2000	0.981	0.962
$n_{c'}$	643.8	1.73102	Chemical Properties				1800	0.994	0.989
n_{He-Ne}	632.8	1.73170			Grade		1600	0.999	0.998
n_D	589.3	1.73472	RC(S)		1		1400	0.999	0.998
n_d	587.6	1.73485	RA(S)		3		1200	0.999	0.998
n_e	546.1	1.73843	D _W		1		1060	0.999	0.998
n_F	486.1	1.74537	D _A		6		1000	0.999	0.998
$n_{F'}$	480.0	1.74623					950	0.999	0.998
n_g	435.8	1.75369	Thermal Properties				900	0.999	0.998
n_h	404.7	1.76068	T _g (°C)		558		850	0.999	0.998
n_i	365.0	1.77273	T _s (°C)		587		800	0.998	0.997
			T ₁₀ ^{14.5} (°C)		509		700	0.998	0.997
			T ₁₀ ¹³ (°C)		542		650	0.998	0.996
			T ₁₀ ^{7.6} (°C)		645		600	0.998	0.996
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		56		550	0.998	0.996
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		70		500	0.997	0.993
			λ (W/m · K)				480	0.995	0.991
							460	0.994	0.988
Constants of Dispersion Formula			Mechanical Properties				440	0.993	0.985
A ₀	2.9384022		H _K (10 ⁷ Pa)		688		420	0.991	0.982
A ₁	-1.1000275 × 10 ⁻²		F _A		62		400	0.988	0.976
A ₂	2.6895091 × 10 ⁻²		E (10 ⁷ Pa)		11057		390	0.984	0.968
A ₃	-7.4423432 × 10 ⁻⁴		G (10 ⁷ Pa)		4370		380	0.978	0.956
A ₄	1.6294737 × 10 ⁻⁴		μ		0.265		370	0.966	0.933
A ₅	-7.3175367 × 10 ⁻⁶		B (10 ⁻¹² /Pa)				360	0.946	0.895
							350	0.915	0.837
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			Other Properties				340	0.87	0.75
$\Delta P_{F,e}$	-0.0022		ρ (g/cm ³)		4.10		330	0.79	0.63
$\Delta P_{g,F}$	-0.0104						320	0.69	0.48
							310	0.50	0.25
							300	0.26	0.07
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	37/30	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	6.9	7.0	7.5	7.6	7.8	8.6			
-20~0	6.9	7.0	7.2	7.6	8.0	8.7			
0~20	7.0	7.1	7.7	8.1	8.5	9.0			
20~40	7.3	7.4	8.0	8.4	8.9	9.6			
40~60	7.3	7.4	8.0	8.4	8.9	9.8			
60~80	7.5	8.2	8.4	8.9	9.3	10.1			