

H-LaF50B	773496	$n_d=1.77250$	$v_d=49.60$	$n_F - n_C = 0.015575$
		$n_e=1.77621$	$v_e=49.36$	$n_{F'} - n_{C'} = 0.015725$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.3018	$P'_{d,c'}$	0.2518	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.75542	$P_{e,d}$	0.2382	$P'_{e,d}$	0.2359	2400	0.814	0.662
n_r	706.5	1.76514	$P_{g,F}$	0.5507	$P'_{g,F'}$	0.4882	2200	0.947	0.896
n_c	656.3	1.76780					2000	0.981	0.962
$n_{c'}$	643.8	1.76854	Chemical Properties				1800	0.993	0.987
n_{He-Ne}	632.8	1.76924			Grade		1600	0.997	0.995
n_D	589.3	1.77236	RC(S)		1		1400	0.998	0.996
n_d	587.6	1.77250	RA(S)		3		1200	0.999	0.998
n_e	546.1	1.77621	D _W		1		1060	0.999	0.998
n_F	486.1	1.78337	D _A		3		1000	0.999	0.998
$n_{F'}$	480.0	1.78427					950	0.999	0.998
n_g	435.8	1.79196	Thermal Properties				900	0.999	0.998
n_h	404.7	1.79915	T _g (°C)		681		850	0.999	0.998
n_i	365.0	1.81152	T _s (°C)		708		800	0.997	0.994
			T ₁₀ ^{14.5} (°C)		637		700	0.997	0.994
			T ₁₀ ¹³ (°C)		665		650	0.997	0.994
			T ₁₀ ^{7.6} (°C)		754		600	0.998	0.996
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		60		550	0.998	0.996
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		75		500	0.998	0.996
			λ (W/m · K)				480	0.997	0.994
							460	0.996	0.993
			Mechanical Properties				440	0.993	0.987
			H _K (10 ⁷ Pa)		770		420	0.991	0.982
			F _A		92		400	0.986	0.973
			E (10 ⁷ Pa)		12370		390	0.980	0.961
			G (10 ⁷ Pa)		4793		380	0.971	0.943
			μ		0.290		370	0.954	0.911
			B (10 ⁻¹² /Pa)		1.39		360	0.926	0.857
							350	0.879	0.773
			Other Properties				340	0.809	0.654
			ρ (g/cm ³)		4.24		330	0.706	0.499
							320	0.557	0.310
							310	0.339	0.115
							300	0.122	0.015
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	38/31	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	3.6	3.6	3.6	4.0	4.3	5.0			
-20~0	3.0	4.1	4.2	4.5	4.8	5.3			
0~20	2.9	3.3	3.9	3.8	4.5	5.0			
20~40	3.8	4.2	3.8	4.6	5.2	5.6			
40~60	3.9	4.5	4.7	4.7	5.5	5.8			
60~80	3.6	4.4	4.7	4.8	5.0	5.8			