

H-LaF3B	744449	$n_d = 1.74400$	$v_d = 44.90$	$n_F - n_C = 0.016570$
		$n_e = 1.74794$	$v_e = 44.63$	$n_{F'} - n_{C'} = 0.016760$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2981	$P'_{d,c'}$	0.2482	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.72670	$P_{e,d}$	0.2378	$P'_{e,d}$	0.2351	2400	0.902	0.814
n_r	706.5	1.73630	$P_{g,F}$	0.5667	$P'_{g,F'}$	0.5024	2200	0.957	0.915
n_c	656.3	1.73906					2000	0.960	0.921
$n_{c'}$	643.8	1.73984	Chemical Properties				1800	0.990	0.980
n_{He-Ne}	632.8	1.74057			Grade		1600	0.997	0.994
n_D	589.3	1.74386	RC(S)		1		1400	0.998	0.996
n_d	587.6	1.74400	RA(S)		3		1200	0.999	0.998
n_e	546.1	1.74794	D _W		1		1060	0.999	0.998
n_F	486.1	1.75563	D _A		3		1000	0.999	0.998
$n_{F'}$	480.0	1.75660					950	0.999	0.998
n_g	435.8	1.76502	Thermal Properties				900	0.999	0.998
n_h	404.7	1.77298	T _g (°C)		618		850	0.999	0.998
n_i	365.0	1.78694	T _s (°C)		680		800	0.998	0.996
			T ₁₀ ^{14.5} (°C)		582		700	0.998	0.997
			T ₁₀ ¹³ (°C)		616		650	0.998	0.997
			T ₁₀ ^{7.6} (°C)		751		600	0.999	0.998
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		86		550	0.999	0.999
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		97		500	0.998	0.997
			λ (W/m · K)				480	0.998	0.997
							460	0.997	0.995
Constants of Dispersion Formula			Mechanical Properties				440	0.996	0.992
A ₀	2.9610804		H _K (10 ⁷ Pa)		568		420	0.994	0.988
A ₁	-7.4557550 × 10 ⁻³		F _A		182		400	0.986	0.973
A ₂	2.9397524 × 10 ⁻²		E (10 ⁷ Pa)		9781		390	0.978	0.957
A ₃	-7.0973461 × 10 ⁻⁴		G (10 ⁷ Pa)		3780		380	0.961	0.923
A ₄	1.7964741 × 10 ⁻⁴		μ		0.294		370	0.923	0.852
A ₅	-7.4281384 × 10 ⁻⁶		B (10 ⁻¹² /Pa)		1.51		360	0.843	0.710
							350	0.671	0.450
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			Other Properties				340	0.352	0.124
$\Delta P_{F,e}$	-0.0010		ρ (g/cm ³)		4.39		330		
$\Delta P_{g,F}$	-0.0025						320		
							310		
							300		
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	38/34	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	-0.5	0.1	0.2	0.2	0.6	1.6			
-20~0	0.4	0.9	1.2	1.5	2.4	2.9			
0~20	0.2	0.8	1.2	1.9	2.1	2.6			
20~40	0.7	1.2	1.4	1.7	2.0	3.2			
40~60	0.6	1.1	1.2	1.2	2.7	3.4			
60~80	0.6	1.2	1.5	1.7	2.5	3.2			