

H-LaF55	762401	$n_d = 1.76200$	$v_d = 40.11$	$n_F - n_C = 0.01900$
		$n_e = 1.76651$	$v_e = 39.82$	$n_{F'} - n_{C'} = 0.01925$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance			
	λ (nm)		$P_{d,c}$	0.2952	$P'_{d,c'}$	0.2458	λ (nm)	τ 5 mm	τ 10 mm	
n_t	1014.0	1.74254	$P_{e,d}$	0.2373	$P'_{e,d}$	0.2343	2400	0.903	0.815	
n_r	706.5	1.75327	$P_{g,F}$	0.5734	$P'_{g,F'}$	0.5074	2200	0.957	0.916	
n_c	656.3	1.75639					2000	0.981	0.962	
$n_{c'}$	643.8	1.75727	Chemical Properties				1800	0.990	0.981	
n_{He-Ne}	632.8	1.75810			Grade		1600	0.997	0.994	
n_D	589.3	1.76183	RC(S)		1		1400	0.998	0.996	
n_d	587.6	1.76200	RA(S)		4		1200	0.999	0.998	
n_e	546.1	1.76651	D_W		2		1060	0.999	0.998	
$n_{F'}$	486.1	1.77539	D_A		3		1000	0.999	0.998	
$n_{F'}$	480.0	1.77652					950	0.999	0.998	
n_g	435.8	1.78629	Thermal Properties				900	0.999	0.998	
n_h	404.7	1.79565	T_g (°C)		619		850	0.999	0.998	
n_i	365.0	1.81236	T_s (°C)		673		800	0.998	0.996	
			$T_{10}^{14.5}$ (°C)		578		700	0.998	0.996	
			T_{10}^{13} (°C)		613		650	0.997	0.995	
			$T_{10}^{7.6}$ (°C)		746		600	0.997	0.995	
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		82		550	0.997	0.995	
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		95		500	0.996	0.992	
			λ (W/m · K)				480	0.995	0.990	
							460	0.994	0.988	
			Mechanical Properties				440	0.991	0.982	
			H_K (10^7 Pa)				420	0.987	0.975	
			F_A		179		400	0.977	0.954	
			E (10^7 Pa)		9460		390	0.963	0.928	
			G (10^7 Pa)		3663		380	0.936	0.876	
			μ		0.291		370	0.879	0.772	
			B (10^{-12} /Pa)		1.68		360	0.748	0.559	
							350	0.477	0.228	
							340			
							330			
							320			
							310			
							300			
							290			
							280			
							Coloration Code			
							λ_{80}/λ_5	39/34		
Constants of Dispersion Formula										
A_0	3.0184586									
A_1	$-1.0458059 \times 10^{-2}$									
A_2	2.8864018×10^{-2}									
A_3	6.9708652×10^{-4}									
A_4	6.3574147×10^{-6}									
A_5	2.8244429×10^{-6}									
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"										
$\Delta P_{F,e}$	-0.0004									
$\Delta P_{g,F}$	-0.0040									
Temperature Coefficients of Refractive Index										
Rang of Temperature	dn/dt relative($10^{-6}/^\circ C$)									
	t	C'	d	e	F'	g				
-40~-20	-0.4	0.5	0.9	1.1	1.6	2.5				
-20~0	0.1	1.0	1.2	1.6	2.0	2.9				
0~20	0.2	1.3	1.5	1.7	2.5	3.6				
20~40	0.8	1.3	1.7	2.1	3.0	3.6				
40~60	0.9	1.7	1.9	2.3	3.0	3.6				
60~80	1.1	1.7	2.1	2.3	3.0	4.2				