

H-LaF10LA	788475	$n_d = 1.78800$	$v_d = 47.49$	$n_F - n_c = 0.016592$
		$n_e = 1.79195$	$v_e = 47.26$	$n_{F'} - n_{c'} = 0.016758$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance			
	λ (nm)		$P_{d,c}$	0.3014	$P'_{d,c'}$	0.2512	λ (nm)	τ 5 mm	τ 10 mm	
n_t	1014.0	1.77000	$P_{e,d}$	0.2381	$P'_{e,d}$	0.2357	2400	0.825	0.680	
n_r	706.5	1.78020	$P_{g,F}$	0.5551	$P'_{g,F'}$	0.4923	2200	0.952	0.906	
n_c	656.3	1.78300					2000	0.982	0.964	
$n_{c'}$	643.8	1.78379	Chemical Properties				1800	0.994	0.989	
n_{He-Ne}	632.8	1.78453	Grade				1600	0.998	0.996	
n_D	589.3	1.78785	RC(S)	1			1400	0.998	0.997	
n_d	587.6	1.78800	RA(S)	3			1200	0.999	0.998	
n_e	546.1	1.79195	D_W	1			1060	0.999	0.998	
n_F	486.1	1.79959	D_A	3			1000	0.999	0.998	
$n_{F'}$	480.0	1.80055					950	0.999	0.998	
n_g	435.8	1.80880	Thermal Properties				900	0.999	0.998	
n_h	404.7	1.81654	T_g (°C)	681			850	0.999	0.998	
n_i	365.0	1.82996	T_s (°C)	707			800	0.999	0.998	
			$T_{10}^{14.5}$ (°C)	636			700	0.998	0.997	
			T_{10}^{13} (°C)	661			650	0.998	0.997	
			$T_{10}^{7.6}$ (°C)	756			600	0.998	0.996	
			$\alpha_{20/120^\circ C}(10^{-7}/K)$	67			550	0.998	0.996	
			$\alpha_{100/300^\circ C}(10^{-7}/K)$	77			500	0.997	0.994	
			λ (W/m · K)				480	0.996	0.992	
							460	0.994	0.988	
			Mechanical Properties				440	0.991	0.982	
			H_K (10^7 Pa)	652			420	0.987	0.975	
			F_A	100			400	0.981	0.962	
			E (10^7 Pa)	12398			390	0.973	0.947	
			G (10^7 Pa)	4787			380	0.960	0.922	
			μ	0.295			370	0.936	0.877	
			B (10^{-12} /Pa)	1.39			360	0.897	0.804	
							350	0.834	0.695	
			Other Properties				340	0.735	0.540	
			ρ (g/cm ³)	4.30			330	0.582	0.339	
			Temperature Coefficients of Refractive Index							
Rang of Temperature		dn/dt relative($10^{-6}/^\circ C$)								
	t	C'	d	e	F'	g				
-40~-20	2.4	2.9	3.5	3.6	3.9	4.5				
-20~0	2.8	3.3	3.6	3.9	4.7	5.2				
0~20	3.0	3.7	4.1	4.3	4.7	5.3				
20~40	3.1	3.7	4.2	4.4	4.7	5.4				
40~60	3.4	4.0	4.2	4.5	5.0	5.6				
60~80	3.7	4.2	4.6	4.8	5.4	5.9				
			Coloration Code							
			λ_{80}/λ_5	39/32						