

H-LaK12	697562	$n_d=1.69680$	$\nu_d=56.18$	$n_F - n_c = 0.012404$
		$n_e=1.69976$	$\nu_e=55.96$	$n_{F'} - n_{c'} = 0.012504$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.3052	$P'_{d,c'}$	0.2545	λ (nm)	τ 5 mm	τ 10mm
n_t	1014.0	1.68269	$P_{e,d}$	0.2385	$P'_{e,d}$	0.2366	2400	0.78	0.61
n_r	706.5	1.69086	$P_{g,F}$	0.5400	$P'_{g,F'}$	0.4797	2200	0.938	0.88
n_c	656.3	1.69301					2000	0.981	0.963
$n_{c'}$	643.8	1.69362	Chemical Properties				1800	0.995	0.991
n_{He-Ne}	632.8	1.69418			Grade		1600	0.999	0.998
n_D	589.3	1.69669	RC(S)		1		1400	0.999	0.998
n_d	587.6	1.69680	RA(S)		6		1200	0.999	0.998
n_e	546.1	1.69976	D _W		1		1060	0.999	0.998
n_F	486.1	1.70542	D _A		3		1000	0.999	0.998
$n_{F'}$	480.0	1.70612					950	0.999	0.998
n_g	435.8	1.71212	Thermal Properties				900	0.999	0.998
n_h	404.7	1.71768	T _g (°C)		662		850	0.999	0.998
n_i	365.0	1.72716	T _s (°C)		684		800	0.999	0.998
			T ₁₀ ^{14.5} (°C)		631		700	0.999	0.998
			T ₁₀ ¹³ (°C)		658		650	0.999	0.998
			T ₁₀ ^{7.6} (°C)		732		600	0.999	0.998
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		68		550	0.999	0.998
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		80		500	0.998	0.997
			λ (W/m · K)				480	0.997	0.995
							460	0.996	0.993
			Mechanical Properties				440	0.995	0.990
			H _K (10 ⁷ Pa)		686		420	0.993	0.986
			F _A		118		400	0.989	0.979
			E (10 ⁷ Pa)		10851		390	0.986	0.972
			G (10 ⁷ Pa)		4337		380	0.979	0.958
			μ		0.251		370	0.967	0.935
			B (10 ⁻¹² /Pa)		1.62		360	0.943	0.89
							350	0.911	0.83
			Other Properties				340	0.86	0.74
			ρ (g/cm ³)		3.71		330	0.79	0.63
							320	0.71	0.50
							310	0.61	0.37
							300	0.50	0.25
							290	0.40	0.16
							280	0.29	0.08
							270	0.17	0.03
							Coloration Code		
							λ_{80}/λ_5	36/28	
Constants of Dispersion Formula									
A ₀	2.8267377								
A ₁	$-1.3633573 \times 10^{-2}$								
A ₂	1.9047421×10^{-2}								
A ₃	2.0468551×10^{-4}								
A ₄	8.8119305×10^{-6}								
A ₅	$-2.1593786 \times 10^{-8}$								
Deviation of Relative Partial Dispersions ΔP from the“Normal Line”									
$\Delta P_{F,e}$	-0.0027								
$\Delta P_{g,F}$	-0.0100								
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	1.5	1.6	1.9	2.0	2.4	2.4			
-20~0	1.3	1.8	2.0	2.3	2.5	3.2			
0~20	1.7	2.1	2.4	2.5	2.6	3.2			
20~40	2.0	2.3	2.5	2.7	3.1	3.4			
40~60	2.0	2.4	2.6	2.8	3.1	3.5			
60~80	2.0	2.4	2.7	2.7	3.1	3.6			