

H-LaK3	747510	$n_d = 1.74693$	$\nu_d = 50.95$	$n_F - n_c = 0.014660$
		$n_e = 1.75042$	$\nu_e = 50.72$	$n_{F'} - n_{c'} = 0.014794$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.3023	$P'_{d,c'}$	0.2521	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.73074	$P_{e,d}$	0.2381	$P'_{e,d}$	0.2360	2400	0.82	0.67
n_r	706.5	1.73999	$P_{g,F}$	0.5471	$P'_{g,F'}$	0.4860	2200	0.951	0.905
n_c	656.3	1.74250					2000	0.983	0.966
$n_{c'}$	643.8	1.74320	Chemical Properties				1800	0.996	0.992
n_{He-Ne}	632.8	1.74386			Grade		1600	0.999	0.998
n_D	589.3	1.74680	RC(S)		1		1400	0.999	0.998
n_d	587.6	1.74693	RA(S)		3		1200	0.999	0.998
n_e	546.1	1.75042	D _W		1		1060	0.999	0.998
n_F	486.1	1.75716	D _A		3		1000	0.999	0.998
$n_{F'}$	480.0	1.75799					950	0.999	0.998
n_g	435.8	1.76518	Thermal Properties				900	0.999	0.998
n_h	404.7	1.77193	T _g (°C)		663		850	0.999	0.998
n_i	365.0	1.78336	T _s (°C)		689		800	0.998	0.997
			T ₁₀ ^{14.5} (°C)		603		700	0.997	0.995
			T ₁₀ ¹³ (°C)		634		650	0.997	0.995
			T ₁₀ ^{7.6} (°C)		742		600	0.997	0.995
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		62		550	0.997	0.994
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		74		500	0.994	0.988
			λ (W/m · K)				480	0.991	0.983
							460	0.988	0.977
			Mechanical Properties				440	0.985	0.971
			H _K (10 ⁷ Pa)		672		420	0.982	0.965
			F _A		110		400	0.977	0.954
			E (10 ⁷ Pa)		11471		390	0.971	0.942
			G (10 ⁷ Pa)		4589		380	0.959	0.920
			μ		0.250		370	0.939	0.881
			B (10 ⁻¹² /Pa)				360	0.90	0.81
							350	0.84	0.70
			Other Properties				340	0.72	0.52
			ρ (g/cm ³)		4.08		330	0.51	0.26
							320	0.22	0.05
							310	0.03	
							300		
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	38/32	
Constants of Dispersion Formula									
A ₀	2.9836537								
A ₁	$-1.2316383 \times 10^{-2}$								
A ₂	2.5584895×10^{-2}								
A ₃	$-5.7081068 \times 10^{-4}$								
A ₄	1.4764802×10^{-4}								
A ₅	$-7.5474106 \times 10^{-6}$								
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"									
$\Delta P_{F,e}$	-0.0021								
$\Delta P_{g,F}$	-0.0119								
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10⁻⁶/°C)								
	t	C'	d	e	F'	g			
-40~-20	1.9	2.8	3.1	3.2	3.9	4.3			
-20~0	2.7	3.2	3.9	4.0	4.4	4.6			
0~20	2.9	3.6	4.1	4.5	4.9	5.3			
20~40	3.5	4.1	4.2	4.5	5.2	5.8			
40~60	4.0	4.5	4.8	5.1	5.4	5.9			
60~80	4.4	4.6	4.8	5.2	5.7	8.2			