

H-K5	510634	$n_d = 1.51007$	$\nu_d = 63.36$	$n_F - n_c = 0.008050$
		$n_e = 1.51199$	$\nu_e = 63.13$	$n_{F'} - n_{e'} = 0.008110$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.3068	$P'_{d,c'}$	0.2552	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.50069	$P_{e,d}$	0.2384	$P'_{e,d}$	0.2366	2400	0.89	0.79
n_r	706.5	1.50618	$P_{g,F}$	0.5390	$P'_{g,F'}$	0.4783	2200	0.914	0.835
n_c	656.3	1.50760					2000	0.964	0.929
$n_{c'}$	643.8	1.50800	Chemical Properties				1800	0.985	0.971
n_{He-Ne}	632.8	1.50837			Grade		1600	0.997	0.995
n_D	589.3	1.51000	RC(S)		3		1400	0.998	0.997
n_d	587.6	1.51007	RA(S)		1		1200	0.999	0.998
n_e	546.1	1.51199	D _W		3		1060	0.999	0.998
n_F	486.1	1.51565	D _A		1		1000	0.999	0.998
$n_{F'}$	480.0	1.51611					950	0.999	0.998
n_g	435.8	1.51999	Thermal Properties				900	0.999	0.998
n_h	404.7	1.52356	T _g (°C)		558		850	0.999	0.998
n_i	365.0	1.52962	T _s (°C)		633		800	0.999	0.998
			T ₁₀ ^{14.5} (°C)		497		700	0.999	0.998
			T ₁₀ ¹³ (°C)		548		650	0.998	0.997
			T ₁₀ ^{7.6} (°C)		733		600	0.998	0.997
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		78		550	0.998	0.997
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		89		500	0.998	0.996
			λ (W/m · K)				480	0.998	0.996
							460	0.997	0.995
			Mechanical Properties				440	0.997	0.995
			H _K (10 ⁷ Pa)		487		420	0.997	0.995
			F _A		84		400	0.997	0.995
			E (10 ⁷ Pa)		7519		390	0.997	0.995
			G (10 ⁷ Pa)		3128		380	0.997	0.994
			μ		0.202		370	0.996	0.993
			B (10 ⁻¹² /Pa)				360	0.995	0.991
							350	0.991	0.983
			Other Properties				340	0.983	0.967
			ρ (g/cm ³)		2.47		330	0.963	0.927
							320	0.914	0.836
							310	0.80	0.64
							300	0.56	0.31
							290	0.24	0.06
							280	0.03	
							Coloration Code		
			λ_{80}/λ_5		32/29				
Constants of Dispersion Formula									
A ₀	2.2501836								
A ₁	$-8.9406616 \times 10^{-3}$								
A ₂	1.1431783×10^{-2}								
A ₃	$-7.3339328 \times 10^{-5}$								
A ₄	3.4961670×10^{-5}								
A ₅	$-1.8010078 \times 10^{-6}$								
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"									
$\Delta P_{F,e}$	-0.0005								
$\Delta P_{g,F}$	0.0012								
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	1.5	1.7	2.0	2.2	2.3	2.4			
-20~0	1.3	1.6	1.8	2.0	2.2	2.4			
0~20	1.5	1.6	1.8	1.9	2.2	2.4			
20~40	1.4	1.9	2.0	2.2	2.5	2.9			
40~60	1.7	2.1	2.1	2.3	2.6	2.8			
60~80	1.7	2.0	2.1	2.2	2.5	2.9			