

H-F1	603380	$n_d = 1.60342$	$v_d = 38.01$	$n_F - n_C = 0.015875$
		$n_e = 1.60718$	$v_e = 37.74$	$n_{F'} - n_{C'} = 0.016088$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2946	$P'_{d,c'}$	0.2451	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.58705	$P_{e,d}$	0.2369	$P'_{e,d}$	0.2338	2400	0.934	0.873
n_r	706.5	1.59614	$P_{g,F}$	0.5828	$P'_{g,F'}$	0.5161	2200	0.944	0.892
n_c	656.3	1.59874					2000	0.976	0.953
$n_{c'}$	643.8	1.59948	Chemical Properties				1800	0.987	0.975
n_{He-Ne}	632.8	1.60017			Grade		1600	0.997	0.994
n_D	589.3	1.60328	RC(S)		2		1400	0.999	0.998
n_d	587.6	1.60342	RA(S)		1		1200	0.999	0.998
n_e	546.1	1.60718	D _W		2		1060	0.999	0.998
n_F	486.1	1.61462	D _A		1		1000	0.998	0.996
$n_{F'}$	480.0	1.61557					950	0.997	0.995
n_g	435.8	1.62387	Thermal Properties				900	0.997	0.995
n_h	404.7	1.63194	T _g (°C)		592		850	0.998	0.996
n_i	365.0	1.64674	T _s (°C)		640		800	0.996	0.992
			T ₁₀ ^{14.5} (°C)		527		700	0.994	0.988
			T ₁₀ ¹³ (°C)		565		650	0.992	0.985
			T ₁₀ ^{7.6} (°C)		715		600	0.993	0.987
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		81		550	0.993	0.987
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		98		500	0.990	0.980
			λ (W/m · K)				480	0.988	0.976
							460	0.986	0.972
Constants of Dispersion Formula			Mechanical Properties				440	0.983	0.967
A ₀	2.5065696		H _K (10 ⁷ Pa)		438		420	0.980	0.961
A ₁	-9.2689417 × 10 ⁻³		F _A		103		400	0.963	0.928
A ₂	2.1861508 × 10 ⁻²		E (10 ⁷ Pa)		7847		390	0.934	0.873
A ₃	4.3123732 × 10 ⁻⁴		G (10 ⁷ Pa)		3197		380	0.87	0.75
A ₄	1.6930254 × 10 ⁻⁵		μ		0.227		370	0.70	0.49
A ₅	3.4236134 × 10 ⁻⁶		B (10 ⁻¹² /Pa)				360	0.34	0.12
							350		
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			Other Properties				340		
$\Delta P_{F,e}$	-0.0003		ρ (g/cm ³)		2.63		330		
$\Delta P_{g,F}$	0.0019						320		
							310		
							300		
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	39/36	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	1.4	2.2	2.3	2.6	3.0	4.1			
-20~0	1.5	2.4	2.6	2.9	3.4	3.9			
0~20	2.0	2.3	2.6	2.9	3.9	4.8			
20~40	2.0	2.6	3.0	3.1	4.0	4.8			
40~60	2.0	2.7	3.0	3.1	4.0	4.8			
60~80	2.0	2.9	3.0	3.1	4.0	4.7			