

H-ZLaF1	802443	$n_d=1.80166$	$\nu_d = 44.26$	$n_F - n_c = 0.018111$
		$n_e=1.80597$	$\nu_e = 44.02$	$n_{F'} - n_{c'} = 0.018311$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance				
	λ (nm)		$P_{d,c}$	0.2992	$P'_{d,c'}$	0.2491	λ (nm)	τ 5 mm	τ 10 mm		
n_t	1014.0	1.78230	$P_{e,d}$	0.2378	$P'_{e,d}$	0.2352	2400	0.832	0.693		
n_r	706.5	1.79321	$P_{g,F}$	0.5623	$P'_{g,F'}$	0.4983	2200	0.958	0.917		
n_c	656.3	1.79624	Chemical Properties				2000	0.986	0.973		
$n_{c'}$	643.8	1.79710			Grade		1800	0.998	0.997		
n_{He-Ne}	632.8	1.79790					1600	0.999	0.998		
n_D	589.3	1.80150	RC(S)		1		1400	0.999	0.998		
n_d	587.6	1.80166	RA(S)		3		1200	0.999	0.998		
n_e	546.1	1.80597	D _W		1		1060	0.999	0.998		
n_F	486.1	1.81435	D _A		6		1000	0.999	0.998		
$n_{F'}$	480.0	1.81541	Thermal Properties				950	0.999	0.998		
n_g	435.8	1.82453	T _g (°C)		669		900	0.999	0.998		
n_h	404.7	1.83316	T _s (°C)		693		850	0.999	0.998		
n_i	365.0	1.84827	T ₁₀ ^{14.5} (°C)		621		800	0.998	0.996		
			T ₁₀ ¹³ (°C)		653		700	0.997	0.995		
			T ₁₀ ^{7.6} (°C)		741		650	0.997	0.994		
Constants of Dispersion Formula			$\alpha_{20/120^\circ C}(10^{-7}/K)$		57		600	0.997	0.994		
A ₀	3.1622896		$\alpha_{100/300^\circ C}(10^{-7}/K)$		72		550	0.997	0.994		
A ₁	$-1.4206768 \times 10^{-2}$		λ (W/m · K)				500	0.995	0.990		
A ₂	2.9459537×10^{-2}		Mechanical Properties				480	0.994	0.987		
A ₃	2.1285699×10^{-4}		H _K (10 ⁷ Pa)		725		460	0.992	0.983		
A ₄	6.5872560×10^{-5}		F _A		98		440	0.989	0.978		
A ₅	$-1.6599262 \times 10^{-6}$		E (10 ⁷ Pa)		12321		420	0.985	0.970		
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			G (10 ⁷ Pa)		4768		400	0.976	0.952		
ΔP_{Fe}	-0.0028		μ		0.292		390	0.967	0.935		
$\Delta P_{g,F}$	-0.0080		B (10 ⁻¹² /Pa)		1.54		380	0.952	0.905		
			Other Properties				370	0.926	0.858		
			ρ (g/cm ³)		4.30		360	0.884	0.781		
Temperature Coefficients of Refractive Index											
Rang of Temperature		dn/dt relative(10 ⁻⁶ /°C)									
		t	C'	d	e	F'	g				
-40~-20		3.0	3.8	4.0	4.0	4.8	5.2				
-20~0		3.5	4.3	4.5	5.0	5.6	6.3				
0~20		4.0	4.5	4.8	5.0	5.7	6.4				
20~40		4.1	4.6	4.9	5.1	5.7	6.5				
40~60		4.1	4.9	5.1	5.4	6.2	6.7				
60~80		4.3	4.8	5.3	5.5	6.3	7.0				
			Coloration Code								
		λ_{80}/λ_5		39/32							