

H-ZF11	699301	$n_d = 1.69894$	$v_d = 30.05$	$n_F - n_C = 0.023259$
		$n_e = 1.70444$	$v_e = 29.81$	$n_{F'} - n_{C'} = 0.023628$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2894	$P'_{d,c'}$	0.2404	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.67613	$P_{e,d}$	0.2365	$P'_{e,d}$	0.2328	2400	0.915	0.838
n_r	706.5	1.68853	$P_{g,F}$	0.6019	$P'_{g,F'}$	0.5324	2200	0.943	0.889
n_c	656.3	1.69221					2000	0.972	0.945
$n_{c'}$	643.8	1.69326	Chemical Properties				1800	0.984	0.968
n_{He-Ne}	632.8	1.69425			Grade		1600	0.995	0.990
n_D	589.3	1.69875	RC(S)		2		1400	0.996	0.993
n_d	587.6	1.69894	RA(S)		1		1200	0.999	0.998
n_e	546.1	1.70444	D _W		1		1060	0.999	0.998
n_F	486.1	1.71547	D _A		1		1000	0.999	0.998
$n_{F'}$	480.0	1.71689					950	0.999	0.998
n_g	435.8	1.72947	Thermal Properties				900	0.999	0.998
n_h	404.7	1.74193	T _g (°C)		576		850	0.999	0.998
n_i	365.0	1.76560	T _s (°C)		613		800	0.999	0.998
			T ₁₀ ^{14.5} (°C)		517		700	0.998	0.996
			T ₁₀ ¹³ (°C)		551		650	0.998	0.996
			T ₁₀ ^{7.6} (°C)				600	0.998	0.996
Constants of Dispersion Formula			$\alpha_{20/120^\circ C} (10^{-7}/K)$		95		550	0.997	0.994
A ₀	2.7925789		$\alpha_{100/300^\circ C} (10^{-7}/K)$		113		500	0.995	0.990
A ₁	$-1.2318932 \times 10^{-2}$		λ (W/m · K)				480	0.994	0.988
A ₂	2.8221389×10^{-2}						460	0.992	0.984
A ₃	2.3380355×10^{-3}		Mechanical Properties				440	0.989	0.978
A ₄	$-1.9326470 \times 10^{-4}$		H _K (10 ⁷ Pa)		521		420	0.984	0.969
A ₅	2.0343560×10^{-5}		F _A		175		400	0.965	0.932
			E (10 ⁷ Pa)		8410		390	0.935	0.875
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			G (10 ⁷ Pa)		3371		380	0.851	0.725
$\Delta P_{F,e}$	0.0011		μ		0.248		370	0.615	0.378
$\Delta P_{g,F}$	0.0074		B (10 ⁻¹² /Pa)		2.73		360	0.184	0.034
							350		
			Other Properties				340		
			ρ (g/cm ³)		2.95		330		
							320		
Temperature Coefficients of Refractive Index									
Rang of Temperature		dn/dt relative(10 ⁻⁶ /°C)							
		t	C'	d	e	F'	g		
-40~-20		-1.3	0.0	0.1	0.5	1.4	2.4		
-20~0		-1.1	0.0	0.1	0.7	1.6	2.8		
0~20		-0.9	0.0	0.4	0.8	2.0	2.9		
20~40		-0.8	0.1	0.6	1.0	2.1	3.3		
40~60		-0.7	0.1	0.6	1.2	2.2	3.7		
60~80		-0.7	0.4	0.7	1.3	2.3	3.9		
Coloration Code									
		λ_{80}/λ_5		40/36					