

H-ZBaF4	664355	$n_d=1.66426$	$\nu_d=35.48$	$n_F - n_C = 0.018720$
		$n_e=1.66869$	$\nu_e=35.23$	$n_{F'} - n_{C'} = 0.018980$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2927	$P'_{d,c'}$	0.2434	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.64538	$P_{e,d}$	0.2366	$P'_{e,d}$	0.2334	2400	0.931	0.866
n_r	706.5	1.65576	$P_{g,F}$	0.5887	$P'_{g,F'}$	0.5216	2200	0.947	0.897
n_c	656.3	1.65878					2000	0.978	0.957
$n_{c'}$	643.8	1.65964	Chemical Properties				1800	0.987	0.973
n_{He-Ne}	632.8	1.66045	Grade				1600	0.995	0.991
n_D	589.3	1.66410	RC(S)	1			1400	0.996	0.992
n_d	587.6	1.66426	RA(S)	1			1200	0.999	0.998
n_e	546.1	1.66869	D _W	1			1060	0.999	0.998
n_F	486.1	1.67750	D _A	1			1000	0.999	0.998
$n_{F'}$	480.0	1.67862	Thermal Properties				950	0.999	0.998
n_g	435.8	1.68852	T_g (°C)	605			900	0.999	0.998
n_h	404.7	1.69819	T_s (°C)	653			850	0.999	0.998
n_i	365.0	1.71608	$T_{10}^{14.5}$ (°C)	541			800	0.998	0.996
			T_{10}^{13} (°C)	577			700	0.997	0.995
Constants of Dispersion Formula			$T_{10}^{7.6}$ (°C)	724			650	0.997	0.995
A_0	2.6916300		$\alpha_{20/120^\circ C}$ (10 ⁻⁷ /K)	81			600	0.998	0.996
A_1	$-9.8442713 \times 10^{-3}$		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	95			550	0.998	0.996
A_2	2.5683084×10^{-2}		λ (W/m · K)				500	0.997	0.994
A_3	8.4369764×10^{-4}		Mechanical Properties				480	0.996	0.993
A_4	$-1.6573568 \times 10^{-5}$		H _K (10 ⁷ Pa)	602			460	0.995	0.991
A_5	6.7123065×10^{-6}		F _A	180			440	0.992	0.985
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			E (10 ⁷ Pa)	8553			420	0.988	0.976
ΔP_{Fe}	0.0004		G (10 ⁷ Pa)	3423			400	0.969	0.939
$\Delta P_{g,F}$	0.0034		μ	0.249			390	0.942	0.888
			B (10 ⁻¹² /Pa)	2.80			380	0.876	0.768
			Other Properties				370	0.708	0.501
			ρ (g/cm ³)	3.11			360	0.342	0.117
Temperature Coefficients of Refractive Index									
Rang of Temperature(°C)		dn/dt_{rel.} (10⁻⁶/°C)							
	t	C'	d	e	F'	g			
-40~-20	0.9	1.8	2.1	2.6	3.2	3.9	350		
-20~0	1.9	2.4	2.8	3.1	4.0	4.8	340		
0~20	2.0	2.5	3.0	3.2	4.1	5.0	330		
20~40	2.2	2.9	3.2	3.7	4.6	5.4	320		
40~60	2.2	3.0	3.2	3.7	4.6	5.6	310		
60~80	2.2	3.1	3.4	3.7	4.7	5.7	300		
			Coloration Code						
		λ_{80}/λ_5	40/36						