

H-ZBaF20	702412	$n_d = 1.70154$	$v_d = 41.15$	$n_F - n_C = 0.017049$
		$n_e = 1.70559$	$v_e = 40.86$	$n_{F'} - n_{C'} = 0.017270$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2953	$P'_{d,c'}$	0.2457	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.68393	$P_{e,d}$	0.2372	$P'_{e,d}$	0.2342	2400	0.931	0.867
n_r	706.5	1.69370	$P_{g,F}$	0.5777	$P'_{g,F'}$	0.5119	2200	0.967	0.933
n_c	656.3	1.69651					2000	0.986	0.973
$n_{c'}$	643.8	1.69730	Chemical Properties				1800	0.992	0.985
n_{He-Ne}	632.8	1.69804			Grade		1600	0.997	0.994
n_D	589.3	1.70139	RC(S)		1		1400	0.997	0.994
n_d	587.6	1.70154	RA(S)		3		1200	0.999	0.998
n_e	546.1	1.70559	D _W		1		1060	0.999	0.998
n_F	486.1	1.71356	D _A		2		1000	0.999	0.998
$n_{F'}$	480.0	1.71457					950	0.999	0.998
n_g	435.8	1.72341	Thermal Properties				900	0.999	0.998
n_h	404.7	1.73190	T _g (°C)		594		850	0.999	0.998
n_i	365.0	1.74719	T _s (°C)		657		800	0.999	0.998
			T ₁₀ ^{14.5} (°C)		550		700	0.999	0.999
			T ₁₀ ¹³ (°C)		591		650	0.998	0.997
			T ₁₀ ^{7.6} (°C)		736		600	0.999	0.998
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		71		550	0.999	0.998
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		85		500	0.997	0.995
			λ (W/m · K)				480	0.996	0.992
							460	0.994	0.988
Constants of Dispersion Formula			Mechanical Properties				440	0.992	0.984
A ₀	2.8208194		H _K (10 ⁷ Pa)		594		420	0.988	0.977
A ₁	-1.0082365 × 10 ⁻²		F _A		170		400	0.977	0.954
A ₂	2.5508463 × 10 ⁻²		E (10 ⁷ Pa)		9679		390	0.964	0.929
A ₃	3.2956767 × 10 ⁻⁴		G (10 ⁷ Pa)		3820		380	0.933	0.871
A ₄	5.0256538 × 10 ⁻⁵		μ		0.267		370	0.860	0.740
A ₅	6.0043240 × 10 ⁻⁷		B (10 ⁻¹² /Pa)				360	0.681	0.464
							350	0.315	0.099
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			Other Properties				340		
$\Delta P_{F,e}$	0.0004		ρ (g/cm ³)		3.64		330		
$\Delta P_{g,F}$	0.0021						320		
							310		
							300		
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	39/35	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	2.7	3.9	4.6	5.0	5.7	6.3			
-20~0	2.9	4.1	4.7	4.8	5.6	6.2			
0~20	3.6	4.3	4.8	4.9	5.5	6.2			
20~40	4.0	4.7	5.0	5.0	5.8	6.9			
40~60	4.3	4.6	4.9	5.3	6.0	7.1			
60~80	4.5	4.8	5.0	5.3	6.6	7.8			