

ZBaF17	668419	$n_d = 1.66755$	$\nu_d = 41.93$	$n_F - n_c = 0.015921$
		$n_e = 1.67133$	$\nu_e = 41.64$	$n_{F'} - n_{c'} = 0.016123$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2958	$P'_{d,c'}$	0.2462	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.65116	$P_{e,d}$	0.2374	$P'_{e,d}$	0.2344	2400	0.922	0.85
n_r	706.5	1.66023	$P_{g,F}$	0.5728	$P'_{g,F'}$	0.5074	2200	0.954	0.911
n_c	656.3	1.66284					2000	0.983	0.967
$n_{c'}$	643.8	1.66358	Chemical Properties				1800	0.990	0.981
n_{He-Ne}	632.8	1.66428			Grade		1600	0.996	0.993
n_D	589.3	1.66741	RC(S)		1		1400	0.995	0.990
n_d	587.6	1.66755	RA(S)		3		1200	0.999	0.998
n_e	546.1	1.67133	D _W				1060	0.999	0.998
n_F	486.1	1.67876	D _A				1000	0.999	0.998
$n_{F'}$	480.0	1.67970					950	0.998	0.997
n_g	435.8	1.68788	Thermal Properties				900	0.996	0.993
n_h	404.7	1.69574	T _g (°C)		584		850	0.994	0.988
n_i	365.0	1.70978	T _s (°C)		633		800	0.996	0.992
			T ₁₀ ^{14.5} (°C)		540		700	0.995	0.990
			T ₁₀ ¹³ (°C)		582		650	0.995	0.990
			T ₁₀ ^{7.6} (°C)				600	0.995	0.990
Constants of Dispersion Formula			$\alpha_{20/120^\circ C}(10^{-7}/K)$		79		550	0.996	0.992
A ₀	2.7114815		$\alpha_{100/300^\circ C}(10^{-7}/K)$		91		500	0.994	0.989
A ₁	$-8.3031047 \times 10^{-3}$		λ (W/m · K)				480	0.993	0.987
A ₂	2.3733195×10^{-2}						460	0.991	0.983
A ₃	2.8197729×10^{-4}		Mechanical Properties				440	0.989	0.978
A ₄	3.9409899×10^{-5}		H _K (10 ⁷ Pa)		510		420	0.982	0.965
A ₅	7.1756263×10^{-7}		F _A		175		400	0.960	0.922
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			E (10 ⁷ Pa)		8043		390	0.931	0.866
$\Delta P_{F,e}$	0.0001		G (10 ⁷ Pa)		3198		380	0.872	0.76
$\Delta P_{g,F}$	-0.0014		μ		0.257		370	0.75	0.57
			B (10 ⁻¹² /Pa)				360	0.51	0.26
							350	0.20	0.04
			Other Properties				340		
			ρ (g/cm ³)		3.80		330		
Temperature Coefficients of Refractive Index									
Rang of Temperature		dn/dt relative(10 ⁻⁶ /°C)							
		t	C'	d	e	F'	g		
-40~-20		1.4	2.1	2.8	3.2	3.5	4.4		
-20~0		1.9	2.4	2.6	3.0	3.5	4.3		
0~20		2.0	2.6	3.0	3.5	4.1	4.8		
20~40		2.0	3.0	3.2	3.4	4.2	4.9		
40~60		2.2	3.2	3.3	3.5	4.4	5.6		
60~80		2.3	3.3	3.7	4.1	4.9	5.7		
							Coloration Code		
							λ_{80}/λ_5	40/35	