

ZF4	728283	$n_d = 1.72825$	$v_d = 28.32$	$n_F - n_c = 0.025716$
		$n_e = 1.73432$	$v_e = 28.10$	$n_{F'} - n_{c'} = 0.026133$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance			
	λ (nm)		$P_{d,c}$	0.2890	$P'_{d,c'}$	0.2401	λ (nm)	τ 5 mm	τ 10 mm	
n_t	1014.0	1.70324	$P_{e,d}$	0.2361	$P'_{e,d}$	0.2323	2400	0.939	0.881	
n_r	706.5	1.71679	$P_{g,F}$	0.6038	$P'_{g,F'}$	0.5341	2200	0.958	0.918	
n_c	656.3	1.72082					2000	0.979	0.958	
$n_{c'}$	643.8	1.72198	Chemical Properties				1800	0.989	0.978	
n_{He-Ne}	632.8	1.72307			Grade		1600	0.999	0.998	
n_D	589.3	1.72803	RC(S)		3		1400	0.999	0.998	
n_d	587.6	1.72825	RA(S)		3		1200	0.999	0.998	
n_e	546.1	1.73432	D _W		1		1060	0.999	0.998	
n_F	486.1	1.74654	D _A		6		1000	0.999	0.998	
$n_{F'}$	480.0	1.74811					950	0.999	0.998	
n_g	435.8	1.76207	Thermal Properties				900	0.999	0.998	
n_h	404.7	1.77601	T _g (°C)		407		850	0.999	0.998	
n_i	365.0		T _s (°C)		454		800	0.999	0.998	
			T ₁₀ ^{14.5} (°C)		364		700	0.998	0.997	
			T ₁₀ ¹³ (°C)		398		650	0.998	0.997	
			T ₁₀ ^{7.6} (°C)				600	0.998	0.996	
Constants of Dispersion Formula			$\alpha_{20/120^\circ C}(10^{-7}/K)$		98		550	0.997	0.995	
A ₀	2.8923490		$\alpha_{100/300^\circ C}(10^{-7}/K)$		111		500	0.995	0.991	
A ₁	$-1.7933942 \times 10^{-2}$		λ (W/m · K)				480	0.993	0.986	
A ₂	2.3009472×10^{-2}		Mechanical Properties				460	0.989	0.979	
A ₃	5.6390617×10^{-3}		H _K (10 ⁷ Pa)		366		440	0.984	0.968	
A ₄	$-6.9815495 \times 10^{-4}$		F _A		135		420	0.974	0.949	
A ₅	5.2528998×10^{-5}		E (10 ⁷ Pa)		5295		400	0.951	0.904	
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			G (10 ⁷ Pa)		2126		390	0.930	0.864	
$\Delta P_{F,e}$	0.0008		μ		0.245		380	0.89	0.80	
$\Delta P_{g,F}$	0.0064		B (10 ⁻¹² /Pa)				370	0.84	0.70	
			Other Properties				360	0.69	0.48	
			ρ (g/cm ³)		4.51		350	0.40	0.16	
Temperature Coefficients of Refractive Index										
Rang of Temperature		dn/dt relative(10⁻⁶/°C)								
	t	C'	d	e	F'	g				
-40~-20	0.0	0.2	0.4	1.1	1.5	2.8				
-20~0	0.0	0.4	0.7	1.2	2.5	4.0				
0~20	-0.1	0.8	1.1	1.5	2.5	4.2				
20~40	-0.2	1.1	1.4	1.9	2.8	4.2				
40~60	-0.3	1.0	1.4	2.0	3.2	4.7				
60~80	-0.1	1.1	1.8	2.1	3.6	5.4				
							Coloration Code			
		λ_{80}/λ_5		41/35						