

ZF50	741278	$n_d = 1.74077$	$v_d = 27.76$	$n_F - n_C = 0.026681$
		$n_e = 1.74706$	$v_e = 27.55$	$n_{F'} - n_{C'} = 0.027118$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2886	$P'_{d,c'}$	0.2397	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.71513	$P_{e,d}$	0.2358	$P'_{e,d}$	0.2320	2400	0.948	0.898
n_r	706.5	1.72889	$P_{g,F}$	0.6035	$P'_{g,F'}$	0.5333	2200	0.962	0.925
n_c	656.3	1.73307					2000	0.982	0.965
$n_{c'}$	643.8	1.73427	Chemical Properties				1800	0.990	0.981
n_{He-Ne}	632.8	1.73540	Grade				1600	0.997	0.995
n_D	589.3	1.74054	RC(S)	1			1400	0.999	0.998
n_d	587.6	1.74077	RA(S)	3			1200	0.999	0.998
n_e	546.1	1.74706	D _W	1			1060	0.999	0.998
n_F	486.1	1.75975	D _A	2			1000	0.999	0.998
$n_{F'}$	480.0	1.76139					950	0.999	0.998
n_g	435.8	1.77585	Thermal Properties				900	0.999	0.998
n_h	404.7	1.79021	T_g (°C)	449			850	0.999	0.998
n_i	365.0		T_s (°C)	491			800	0.999	0.998
			$T_{10}^{14.5}$ (°C)	388			700	0.998	0.997
			T_{10}^{13} (°C)	426			650	0.998	0.997
			$T_{10}^{7.6}$ (°C)				600	0.998	0.996
Constants of Dispersion Formula			$\alpha_{20/120^\circ C}(10^{-7}/K)$	75			550	0.998	0.996
A_0	2.9228084		$\alpha_{100/300^\circ C}(10^{-7}/K)$	87			500	0.996	0.992
A_1	$-1.3029549 \times 10^{-2}$		λ (W/m · K)				480	0.994	0.989
A_2	2.9540007×10^{-2}		Mechanical Properties				460	0.991	0.983
A_3	4.1308365×10^{-3}		H _K (10 ⁷ Pa)	375			440	0.986	0.973
A_4	$-4.4721542 \times 10^{-4}$		F _A	131			420	0.972	0.944
A_5	3.7137603×10^{-5}		E (10 ⁷ Pa)	5973			400	0.904	0.818
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			G (10 ⁷ Pa)	2411			390	0.79	0.63
$\Delta P_{F,e}$	0.0012		μ	0.238			380	0.55	0.30
$\Delta P_{g,F}$	0.0050		B (10 ⁻¹² /Pa)				370	0.19	0.03
			Other Properties				360		
			ρ (g/cm ³)	4.46			350		
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	-0.1	1.1	1.5	2.4	2.8	5.4			
-20~0	2.0	3.0	3.9	4.3	6.9	7.7			
0~20	2.8	4.7	5.0	6.0	7.6	9.3			
20~40	3.0	5.0	5.5	6.3	7.8	10.1			
40~60	3.3	5.1	5.8	6.3	7.8	10.1			
60~80	4.0	5.7	6.3	6.9	8.4	10.5			
							Coloration Code		
							λ_{80}/λ_5	41/37	