

H-ZF4	728283	$n_d=1.72825$	$\nu_d=28.32$	$n_F - n_C = 0.025716$
		$n_e=1.73432$	$\nu_e=28.10$	$n_{F'} - n_{C'} = 0.026133$

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	1.70325	$P_{e,d}$	0.2361	$P'_{e,d}$	0.2323	2400	0.934	0.872
n_r	706.5	1.71680	$P_{g,F}$	0.6040	$P'_{g,F'}$	0.5343	2200	0.954	0.911
n_c	656.3	1.72082					2000	0.978	0.957
$n_{c'}$	643.8	1.72198	Chemical Properties				1800	0.987	0.975
n_{He-Ne}	632.8	1.72307			Grade		1600	0.995	0.991
n_D	589.3	1.72803	RC(S)		2		1400	0.997	0.994
n_d	587.6	1.72825	RA(S)		1		1200	0.999	0.998
n_e	546.1	1.73432	D _W		1		1060	0.999	0.998
n_F	486.1	1.74656	D _A		1		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)		596		850	0.999	0.998
n_i	365.0		T_s (°C)		638		800	0.998	0.997
			$T_{10}^{14.5}$ (°C)		544		700	0.997	0.995
			T_{10}^{13} (°C)		578		650	0.997	0.994
			$T_{10}^{7.6}$ (°C)		701		600	0.997	0.994
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		93		550	0.996	0.993
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		105		500	0.993	0.987
			λ (W/m · K)				480	0.991	0.983
							460	0.990	0.980
Constants of Dispersion Formula			Mechanical Properties				440	0.986	0.973
A_0	2.8973661		H_K (10 ⁷ Pa)		581		420	0.978	0.956
A_1	$-2.0238982 \times 10^{-2}$		F_A		170		400	0.951	0.904
A_2	1.9289743×10^{-2}		E (10 ⁷ Pa)		8563		390	0.907	0.823
A_3	6.8732539×10^{-3}		G (10 ⁷ Pa)		3414		380	0.781	0.610
A_4	$-8.8531406 \times 10^{-4}$		μ		0.254		370	0.477	0.228
A_5	6.3079443×10^{-5}		B (10 ⁻¹² /Pa)				360		
							350		
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			Other Properties				340		
$\Delta P_{F,e}$	0.0008		ρ (g/cm ³)		3.07		330		
$\Delta P_{g,F}$	0.0065						320		
							310		
							300		
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	41/37	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative(10 ⁻⁶ /°C)								
	t	C'	d	e	F'	g			
-40~-20	-0.4	0.2	0.6	1.0	2.2	2.7			
-20~0	0.0	0.4	0.6	1.0	2.0	3.3			
0~20	-0.1	0.6	0.7	1.1	2.8	3.5			
20~40	0.1	0.7	0.8	1.5	3.1	3.9			
40~60	0.1	0.7	0.8	1.6	3.2	5.2			
60~80	-0.1	1.0	1.8	2.1	3.7	5.8			