

H-ZF7LA	805255	$n_d = 1.80518$	$v_d = 25.46$	$n_F - n_C = 0.031630$
		$n_e = 1.81263$	$v_e = 25.25$	$n_{F'} - n_{C'} = 0.032180$

Refractive Indices			Relative Partial Dispersions				Internal Transmittance		
	λ (nm)		$P_{d,c}$	0.2868	$P'_{d,c'}$	0.2381	λ (nm)	τ 5 mm	τ 10 mm
n_t	1014.0	1.77506	$P_{e,d}$	0.2355	$P'_{e,d}$	0.2315	2400	0.937	0.878
n_r	706.5	1.79121	$P_{g,F}$	0.6121	$P'_{g,F'}$	0.5407	2200	0.964	0.930
n_c	656.3	1.79611					2000	0.980	0.960
$n_{c'}$	643.8	1.79752	Chemical Properties				1800	0.988	0.976
n_{He-Ne}	632.8	1.79885			Grade		1600	0.996	0.993
n_D	589.3	1.80491	RC(S)		1		1400	0.998	0.996
n_d	587.6	1.80518	RA(S)		1		1200	0.999	0.998
n_e	546.1	1.81263	D_W		1		1060	0.999	0.998
n_F	486.1	1.82774	D_A		1		1000	0.999	0.998
$n_{F'}$	480.0	1.82970					950	0.999	0.998
n_g	435.8	1.84710	Thermal Properties				900	0.999	0.998
n_h	404.7	1.86458	T_g (°C)		580		850	0.999	0.998
n_i	365.0		T_s (°C)		615		800	0.998	0.997
			$T_{10}^{14.5}$ (°C)		530		700	0.998	0.996
			T_{10}^{13} (°C)		558		650	0.997	0.995
			$T_{10}^{7.6}$ (°C)		678		600	0.997	0.995
			$\alpha_{20/120^\circ C}(10^{-7}/K)$		99		550	0.996	0.993
			$\alpha_{100/300^\circ C}(10^{-7}/K)$		113		500	0.992	0.985
			λ (W/m · K)				480	0.990	0.980
							460	0.986	0.973
Constants of Dispersion Formula			Mechanical Properties				440	0.979	0.959
A_0	3.1193017		H_K (10^7 Pa)		513		420	0.964	0.930
A_1	$-1.2095499 \times 10^{-2}$		F_A		192		400	0.922	0.850
A_2	4.2757938×10^{-2}		E (10^7 Pa)		8994		390	0.883	0.780
A_3	2.4982548×10^{-3}		G (10^7 Pa)		3555		380	0.777	0.603
A_4	$-1.1678515 \times 10^{-4}$		μ		0.265		370	0.527	0.278
A_5	2.2804785×10^{-5}		B (10^{-12} /Pa)				360		
							350		
Deviation of Relative Partial Dispersions ΔP from the "Normal Line"			Other Properties				340		
$\Delta P_{F,e}$	0.0021		ρ (g/cm ³)		3.35		330		
$\Delta P_{g,F}$	0.0098						320		
							310		
							300		
							290		
							280		
							Coloration Code		
							λ_{80}/λ_5	43/36	
Temperature Coefficients of Refractive Index									
Rang of Temperature	dn/dt relative($10^{-6}/^\circ C$)								
	t	C'	d	e	F'	g			
-40~-20	-2.5	-1.2	-0.7	-0.5	0.5	2.1			
-20~0	-2.0	-1.3	-1.0	-0.3	1.3	2.6			
0~20	-1.8	-1.4	-0.4	-0.1	1.7	2.8			
20~40	-2.0	-1.0	-0.6	0	1.7	3.1			
40~60	-1.8	-1.0	0.2	0.3	1.9	4.4			
60~80	-0.8	-0.2	0	0.4	2.1	4.6			