

H-ZF16	664274	$n_d = 1.66382$	$v_d = 27.35$	$n_F - n_C = 0.024274$
		$n_e = 1.66953$	$v_e = 27.09$	$n_F - n_{C'} = 0.024713$

Refractive Indices			Relative Partial Dispersion		Chemical Properties (grade)		Internal Transmittance				
	λ (nm)	n _λ					λ (nm)	τ5mm	τ10mm		
n ₂₃₂₅	2325.42		P _{d,C}	0.2856	RC (S)	1	2400	0.928	0.861		
n ₁₉₇₀	1970.09		P _{e,d}	0.2353	RA (S)	1	2200	0.944	0.892		
n ₁₅₃₀	1529.58		P _{g,F}	0.6240	D _W	3	2000	0.967	0.935		
n ₁₁₂₉	1128.64	1.63798	P' _{d,c'}	0.2370	D _A	2	1800	0.985	0.970		
n ₁₀₆₄	1064.00	1.63943	P' _{e,d}	0.2311	R _{OH} (S)	1	1600	0.995	0.991		
n _t	1013.98	1.64066	P' _{g,F'}	0.5516	RP (S)	2	1400	0.997	0.994		
n _s	852.11	1.64575			CR	1	1200	0.998	0.997		
n _{A'}	768.19	1.64951	Deviation of Relative Partial Dispersions		Expansion Coefficient α (×10 ⁻⁷ /K)		1060	0.999	0.998		
n _r	706.52	1.65313					1000	0.999	0.998		
n _C	656.27	1.65688					950	0.999	0.998		
n _{C'}	643.85	1.65796	ΔP _{F,e}	0.0040	°C	α	900	0.999	0.998		
n _{He-Ne}	632.80	1.65897	ΔP _{g,F}	0.0258	-50/-40	120	850	0.999	0.998		
n _D	589.29	1.66361	ΔP _{C,t}	-0.0044	-40/-30	122	800	0.999	0.998		
n _d	587.56	1.66382	ΔP _{C,s}	-0.0074	-30/-20	122	750	0.999	0.998		
n _e	546.07	1.66953	Thermal Properties		-20/-10	122	700	0.998	0.997		
n _F	486.13	1.68116			Tg (°C)	501	-10/0	124	650	0.998	0.997
n _{F'}	479.99	1.68267			Ts (°C)	540	0/10	125	600	0.997	0.994
n _g	435.84	1.69630	T ₁₀ ^{14.5} (°C)	464	10/20	129	550	0.993	0.987		
n _h	404.66	1.71027	T ₁₀ ¹³ (°C)	495	20/30	130	500	0.986	0.972		
n _i	365.01	1.73801	α _{-50/80°C} (10 ⁻⁷ /K)	129	30/40	133	480	0.982	0.965		
			α _{100/300°C} (10 ⁻⁷ /K)	158	40/50	134	460	0.978	0.956		
			λ (W/(m·K))	0.80	50/60	134	440	0.971	0.942		
Constants of Dispersion Formula					60/70	137	420	0.951	0.905		
			Mechanical Properties		70/80	138	400	0.894	0.800		
					80/90	138	390	0.787	0.620		
A ₀	2.67714843E+00		HK (10 ⁷ Pa)	336	90/100	142	380	0.475	0.226		
A ₁	-1.25476109E-02		F _A	136	100/110	143	370	0.167	0.028		
A ₂	2.53428256E-02		E (GPa)		110/120	146	360				
A ₃	3.34008152E-03		G (GPa)		120/130	149	350				
A ₄	-3.50698887E-04		μ		130/140	150	340				
A ₅	3.62744120E-05		σ _b (MPa)		140/150	148	330				
Density		Solarization		B (10 ⁻¹² /Pa)	2.30	150/160	152	320			
ρ (g/cm ³)	2.88			Δλ (%)				310			
Range of Temperature		Temperature Coefficients of Refractive Index					300				
		dn/dt relative (×10 ⁻⁶ / °C)					290				
							280				

Density		Solarization	
ρ (g/cm ³)	2.88	$\Delta\lambda$ (%)	

Mechanical Properties	
HK (10^7 Pa)	336
F _A	136
E (GPa)	
G (GPa)	
μ	
σ _b (MPa)	
B (10^{-12} /Pa)	2.30

80/90	140
90/100	142
100/110	143
110/120	146
120/130	149
130/140	150
140/150	148
150/160	152

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	425/375
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	400/372

Constants of dn/dt		
D_0	D_1	D_2
-1.58E-05	2.11E-08	-2.52E-11
E_0	E_1	λ_{TK}
1.68E-06	2.78E-10	1.13E-10