

H-ZF12			762266			n _d = 1.761820		v _d = 26.61		n _F - n _C = 0.028631		
						n _e = 1.768566		v _e = 26.39		n _{F'} - n _{C'} = 0.029121		
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T					
	λ (nm)		P _{s,t}	0.2121	P' _{s,t}	0.2085	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.708734	P _{C,s}	0.4650	P' _{C',s}	0.5011	2400	0.951	0.904			
n _{1970.09}	1970.09	1.715313	P _{d,C}	0.2873	P' _{d,C'}	0.2386	2200	0.967	0.935			
n _{1529.58}	1529.58	1.722966	P _{e,d}	0.2356	P' _{e,d}	0.2317	2000	0.985	0.970			
n _{1060.0}	1060.0	1.732864	P _{g,F}	0.6132	P' _{g,F'}	0.5421	1800	0.991	0.982			
n _t	1013.98	1.734208	P _{i,h}		P' _{i,h}		1600	0.999	0.998			
n _s	852.11	1.740280	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.749115					ΔP _{C,t}	0.0055	ΔP _{C,s}	0.0004	1200	0.999
n _C	656.27	1.753593	ΔP _{F,e}	0.0020	ΔP _{g,F}	0.0128	1060	0.999	0.998			
n _{C'}	643.85	1.754873	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.756079					λ ₈₀ /λ ₅	415/365		950	0.999	0.998
n _D	589.29	1.761573	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.761820	热性质 Thermal Properties				850	0.998	0.997			
n _e	546.07	1.768566					T _g (°C)	617		800	0.998	0.997
n _F	486.13	1.782224	T _s (°C)	661		700	0.997	0.995				
n _{F'}	479.99	1.783994	T ₁₀ ^{14.5} (°C)	574		650	0.996	0.993				
n _g	435.83	1.799781	T ₁₀ ¹³ (°C)	608		600	0.996	0.993				
n _h	404.66	1.815616	T ₁₀ ^{7.6} (°C)	719		550	0.995	0.991				
n _i	365.01		α _{30/70} (10 ⁻⁷ /K)	84		500	0.992	0.984				
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	101		480	0.990	0.980				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.986	0.973				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.981	0.962			
							K ₁	3.23730379E-01		Grade	420	0.964
L ₁	5.98308169E-02		D _w	1		400	0.907	0.823				
K ₂	1.65668629E+00		D _A	1		390	0.820	0.680				
L ₂	1.20542686E-02		CR	1		380	0.620	0.390				
K ₃	2.12141520E+00		RC(S)	2		370	0.260	0.070				
L ₃	1.74187920E+02		RA(S)	1		360						
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	-3.47E-06		H _k (10 ⁷ Pa)	538	
D ₁	1.41E-08		D _A	1		F _A	155					
D ₂	-2.09E-11		CR	1		E (10 ⁷ Pa)	9006					
E ₀	8.94E-07		RC(S)	2		G (10 ⁷ Pa)	3611					
E ₁	1.27E-09		RA(S)	1		μ	0.247					
λ _{TK} (μm)	0.300					B (10 ⁻¹² /Pa)	2.75					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		3.17			
							备注 Remarks					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature			t	C'	d	e	F'	g				
-60~-40			-0.6	0.7	1.1	1.4	2.5	3.6				
-40~-20			-0.5	0.9	1.2	1.5	2.8	4.1				
-20~0			-0.2	1.1	1.4	1.8	3.0	4.4				
0~20			0.3	1.3	1.6	2.1	3.4	4.8				
20~40			0.3	1.4	1.8	2.3	3.6	5.3				
40~60			0.5	1.5	2.0	2.5	3.9	5.7				
60~80			0.5	1.6	2.1	2.8	4.2	6.2				
80~100			0.6	1.8	2.4	3.1	4.7	6.8				
100~120			0.8	2.2	2.8	3.4	5.2	7.1				
120~140			1.0	2.3	2.9	3.8	5.5	7.4				