

H-ZF52A			847238			n _d = 1.84666		v _d = 23.78		n _F - n _C = 0.035597					
						n _e = 1.85505		v _e = 23.60		n _{F'} - n _{C'} = 0.036234					
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}	0.2031	P' _{s,t}	0.1995	λ (nm)	τ (5mm)	τ (10mm)						
n _{2325.42}	2325.42		P _{C,s}	0.4576	P' _{C',s}	0.4932	2400	0.947	0.896						
n _{1970.09}	1970.09		P _{d,C}	0.2857	P' _{d,C'}	0.2372	2200	0.971	0.943						
n _{1529.58}	1529.58		P _{e,d}	0.2356	P' _{e,d}	0.2314	2000	0.985	0.970						
n _{1060.0}	1060.0		P _{g,F}	0.6203	P' _{g,F'}	0.5484	1800	0.992	0.985						
n _t	1013.98	1.81297	P _{i,h}		P' _{i,h}		1600	0.999	0.998						
n _s	852.11	1.82020	异常色散 Abnormal Dispersions				1400	0.999	0.998						
n _r	706.52	1.83098					ΔP _{C,t}	0.0024	ΔP _{C,s}	-0.0003	1200	0.999	0.998		
n _C	656.27	1.83649	ΔP _{F,e}	0.0022	ΔP _{g,F}	0.0151	1060	0.999	0.998						
n _{C'}	643.85	1.83807	着色度 Color Code				1000	0.999	0.998						
n _{He-Ne}	632.8	1.83956					λ ₈₀ /λ ₅				950	0.999	0.998		
n _D	589.29	1.84636	λ ₇₀ /λ ₅	405/370			900	0.999	0.998						
n _d	587.56	1.84666	热性质 Thermal Properties				850	0.999	0.998						
n _e	546.07	1.85505					T _g (°C)	623			800	0.999	0.998		
n _F	486.13	1.87209	T _s (°C)	649			700	0.998	0.996						
n _{F'}	479.99	1.87430	T ₁₀ ^{14.5} (°C)	572			650	0.997	0.994						
n _g	435.83	1.89417	T ₁₀ ¹³ (°C)	605			600	0.996	0.993						
n _h	404.66	1.91428	T ₁₀ ^{7.6} (°C)	709			550	0.994	0.989						
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	84			500	0.987	0.975						
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	104			480	0.983	0.966						
n _{302.15}	302.15		λ[W/(m·K)]				460	0.976	0.953						
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.963	0.928						
							Grade				420	0.934	0.872		
			A ₀	3.2506862E+00						400	0.860	0.740			
			A ₁	-1.3394222E-02						390	0.770	0.590			
			A ₂	4.8362591E-02						380	0.570	0.330			
			A ₃	3.1444275E-03						370	0.220	0.050			
A ₄	-1.9707367E-04						360								
A ₅	3.4764568E-05						350								
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				H _k (10 ⁷ Pa)	550							
							D _w	1			F _A	213			
			D ₀	-6.90E-06			D _A	1			E (10 ⁷ Pa)	9671			
			D ₁	1.71E-08			CR	1			G (10 ⁷ Pa)	3821			
			D ₂	-4.57E-11			RC(S)	2			μ	0.266			
			D ₃	4.8362591E-02			RA(S)	1			B (10 ⁻¹² /Pa)	2.74			
E ₀	1.16E-06			其他性质 Other Properties				ρ (g/cm ³)		3.52					
E ₁	8.99E-10							备注 Remarks							
λ _{TK} (μm)	0.285														
折射率温度系数 Temperature Coefficients of Refractive Index															
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)													
Range of Temperature		t	C'	d	e	F'	g								
-60~-40															
-40~-20		-2.6	-1.0	-0.7	-0.3	1.3	3.1								
-20~0		-2.4	-0.9	-0.5	0.3	1.9	3.6								
0~20		-2.0	-0.8	-0.3	0.8	2.3	4.1								
20~40		-1.8	-0.4	0.1	1.1	2.5	4.4								
40~60		-1.4	-0.3	0.3	1.3	2.9	5.0								
60~80		-1.2	-0.1	0.7	1.4	3.1	5.8								
80~100															
100~120															
120~140															