

H-ZF72A			923189				n _d = 1.922860		v _d = 18.90		n _F - n _C = 0.048839	
							n _e = 1.934290		v _e = 18.74		n _{F'} - n _{C'} = 0.049858	
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}	0.1945	P' _{s,t}	0.1905	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.842045	P _{C,s}	0.4413	P' _{C',s}	0.4746	2400	0.963	0.927			
n _{1970.09}	1970.09	1.850919	P _{d,C}	0.2804	P' _{d,C'}	0.2323	2200	0.978	0.956			
n _{1529.58}	1529.58	1.861496	P _{e,d}	0.2340	P' _{e,d}	0.2293	2000	0.988	0.976			
n _{1060.0}	1060.0	1.876055	P _{g,F}	0.6499	P' _{g,F'}	0.5738	1800	0.993	0.986			
n _t	1013.98	1.878116	P _{i,h}		P' _{i,h}		1600	0.997	0.995			
n _s	852.11	1.887614	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.901826					ΔP _{C,t}	0.0005	ΔP _{C,s}	-0.0051	1200	0.999
n _C	656.27	1.909165	ΔP _{F,e}	0.0064	ΔP _{g,F}	0.0363	1060	0.999	0.998			
n _{C'}	643.85	1.911278	着色度 Color Code				1000	0.998	0.997			
n _{He-Ne}	632.8	1.913275					λ ₈₀ /λ ₅				950	0.998
n _D	589.29	1.922445	λ ₇₀ /λ ₅	435/390			900	0.998	0.997			
n _d	587.56	1.922860	热性质 Thermal Properties				850	0.998	0.997			
n _e	546.07	1.934290					T _g (°C)	667			800	0.998
n _F	486.13	1.958004	T _s (°C)	697			700	0.997	0.995			
n _{F'}	479.99	1.961136	T ₁₀ ^{14.5} (°C)	614			650	0.997	0.994			
n _g	435.83	1.989743	T ₁₀ ¹³ (°C)	649			600	0.996	0.992			
n _h	404.66	2.019780	T ₁₀ ^{7.6} (°C)	749			550	0.991	0.982			
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	67			500	0.977	0.955			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	84			480	0.967	0.935			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.950	0.903			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				机械性质 Mechanical Properties					
												K ₁
折射率温度系数常数 Constants of dn/dt			Grade				其他性质 Other Properties					
												L ₁
D ₀			-5.63E-06		1		F _A		193			
D ₁			1.59E-08		1		E (10 ⁷ Pa)		10223			
D ₂			-4.96E-11		1		G (10 ⁷ Pa)		4012			
E ₀			1.13E-06		1		μ		0.274			
E ₁			1.73E-09		1		B (10 ⁻¹² /Pa)		3.19			
λ _{TK} (μm)			0.328									
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)									
温度范围 (°C)		t		C'	d	e	F'	g				
Range of Temperature												
-60~-40		-2.5		-0.8	-0.2	0.5	2.2	5.2				
-40~-20		-2.1		-0.5	0.2	0.8	2.8	5.8				
-20~0		-1.7		-0.2	0.6	1.5	3.6	6.4				
0~20		-1.2		0.2	0.9	1.8	4.1	7.1				
20~40		-0.8		0.6	1.4	2.1	4.8	8.4				
40~60		-0.5		0.8	1.7	2.6	5.3	9.1				
60~80		-1.0		1.0	2.0	3.1	5.9	9.8				
80~100		-0.7		1.3	2.2	3.3	6.4	10.5				
100~120		-0.9		1.6	2.4	3.6	6.7	11.0				
120~140		-0.5		1.8	2.7	4.0	7.1	11.6				
			备注 Remarks									