

H-ZF39			667331				n _d = 1.666800		v _d = 33.05		n _F - n _C = 0.020173	
							n _e = 1.671569		v _e = 32.80		n _{F'} - n _{C'} = 0.020475	
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}	0.2261	P' _{s,t}	0.2228	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.625537	P _{C,s}	0.4814	P' _{C',s}	0.5192	2400	0.916	0.839			
n _{1970.09}	1970.09	1.631273	P _{d,C}	0.2915	P' _{d,C'}	0.2422	2200	0.941	0.885			
n _{1529.58}	1529.58	1.637743	P _{e,d}	0.2364	P' _{e,d}	0.2329	2000	0.971	0.942			
n _{1060.0}	1060.0	1.645620	P _{g,F}	0.5955	P' _{g,F'}	0.5271	1800	0.985	0.969			
n _t	1013.98	1.646647	P _{i,h}	0.9854	P' _{i,h}	0.9708	1600	0.998	0.996			
n _s	852.11	1.651209	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.657685					ΔP _{C,t}	0.0055	ΔP _{C,s}	0.0015	1200	0.999
n _C	656.27	1.660920	ΔP _{F,e}	0.0006	ΔP _{g,F}	0.0061	1060	0.999	0.998			
n _{C'}	643.85	1.661840	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.662705					λ ₈₀ /λ ₅	400/360		950	0.999	0.998
n _D	589.29	1.666625	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.666800	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.671569					T _g (°C)	582		800	0.999	0.998
n _F	486.13	1.681093	T _s (°C)	621		700	0.998	0.997				
n _{F'}	479.99	1.682315	T ₁₀ ^{14.5} (°C)	524		650	0.998	0.996				
n _g	435.83	1.693107	T ₁₀ ¹³ (°C)	562		600	0.998	0.996				
n _h	404.66	1.703739	T ₁₀ ^{7.6} (°C)	682		550	0.998	0.996				
n _i	365.01	1.723617	α _{30/70°C} (10 ⁻⁷ /K)	90		500	0.996	0.991				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	112		480	0.994	0.989				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.993	0.985				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.990	0.980			
							K ₁	1.53633529E-01		Grade	420	0.984
L ₁	6.03806210E-02		D _w	1		400	0.961	0.924				
K ₂	1.54070508E+00		D _A	1		390	0.927	0.859				
L ₂	1.18591415E-02		CR	1		380	0.840	0.705				
K ₃	1.20956745E+00		RC(S)	2		370	0.610	0.373				
L ₃	1.19979606E+02		RA(S)	1		360	0.201	0.040				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	-4.14E-06		H _k (10 ⁷ Pa)	531	
D ₁	1.44E-08		D _A	1		F _A	168					
D ₂	-6.69E-11		CR	1		E (10 ⁷ Pa)	8282					
E ₀	8.18E-07		RC(S)	2		G (10 ⁷ Pa)	3318					
E ₁	9.54E-10		RA(S)	1		μ	0.248					
λ _{TK} (μm)	0.274					B (10 ⁻¹² /Pa)	2.54					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		2.92			
							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			-0.1	0.2	0.7	0.6	1.4	2.1				
-40~-20			-1.0	0.2	0.3	0.6	1.4	2.5				
-20~0			-0.4	0.0	0.5	1.1	1.8	2.9				
0~20			-0.1	0.5	0.9	1.2	2.0	3.0				
20~40			-0.5	0.8	1.0	1.3	2.4	3.5				
40~60			0.0	0.9	1.2	1.7	2.6	3.6				
60~80			0.3	0.9	1.3	1.8	2.6	3.6				
80~100			-0.4	0.6	1.0	1.4	2.6	3.9				
100~120			-0.1	0.8	1.2	1.6	2.6	4.0				
120~140			-0.4	0.7	1.0	1.5	2.5	3.9				