

H-ZF7LAGT			805255			n _d = 1.805180		v _d = 25.46		n _F - n _C = 0.031630		
						n _e = 1.812632		v _e = 25.25		n _{F'} - n _{C'} = 0.032179		
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}	0.2069	P' _{s,t}	0.2034	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.749661	P _{C,s}	0.4610	P' _{C',s}	0.4970	2400	0.919	0.845			
n _{1970.09}	1970.09	1.755925	P _{d,C}	0.2868	P' _{d,C'}	0.2381	2200	0.955	0.911			
n _{1529.58}	1529.58	1.763376	P _{e,d}	0.2356	P' _{e,d}	0.2316	2000	0.975	0.950			
n _{1060.0}	1060.0	1.773552	P _{g,F}	0.6151	P' _{g,F'}	0.5437	1800	0.985	0.971			
n _t	1013.98	1.774981	P _{i,h}	1.0713	P' _{i,h}	1.0530	1600	0.995	0.991			
n _s	852.11	1.781525	异常色散 Abnormal Dispersions				1400	0.998	0.995			
n _r	706.52	1.791184					ΔP _{C,t}	0.0018	ΔP _{C,s}	-0.0009	1200	0.999
n _C	656.27	1.796108	ΔP _{F,e}	0.0020	ΔP _{g,F}	0.0127	1060	0.999	0.998			
n _{C'}	643.85	1.797518	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.798847					λ ₈₀ /λ ₅	420/360		950	0.999	0.998
n _D	589.29	1.804907	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.805180	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.812632					T _g (°C)	580		800	0.998	0.997
n _F	486.13	1.827738	T _s (°C)	615		700	0.998	0.997				
n _{F'}	479.99	1.829697	T ₁₀ ^{14.5} (°C)	530		650	0.998	0.996				
n _g	435.83	1.847193	T ₁₀ ¹³ (°C)	558		600	0.998	0.996				
n _h	404.66	1.864787	T ₁₀ ^{7.6} (°C)	678		550	0.997	0.994				
n _i	365.01	1.898671	α _{30/70°C} (10 ⁻⁷ /K)	90		500	0.993	0.986				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	113		480	0.990	0.981				
n _{302.15}	302.15		λ[W/(m·K)]			460	0.988	0.976				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.982	0.964			
							K ₁	1.65846092E+00		Grade	420	0.972
L ₁	1.44874699E+02		D _w	1		400	0.944	0.891				
K ₂	2.98796445E-01		D _A	1		390	0.908	0.824				
L ₂	6.35424599E-02		CR	1		380	0.812	0.659				
K ₃	1.81848340E+00		RC(S)	1		370	0.550	0.303				
L ₃	1.41908346E-02		RA(S)	1		360	0.134	0.018				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D ₀	-7.91E-06		H _k (10 ⁷ Pa)	513	
D ₁	1.24E-08		D _A	1		F _A	192		330			
D ₂	-3.12E-11		CR	1		E (10 ⁷ Pa)	8994		320			
E ₀	1.09E-06		RC(S)	1		G (10 ⁷ Pa)	3555		310			
E ₁	1.48E-09		RA(S)	1		μ	0.265		300			
λ _{TK} (μm)	0.281					B (10 ⁻¹² /Pa)	2.65		290			
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		3.35		280	
							温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)			
Range of Temperature		t	C'	d	e	F'	g					
-60~-40		-2.3	-1.8	-0.8	-0.6	0.3	1.8					
-40~-20		-3.1	-1.7	-1.4	-0.8	0.6	1.7					
-20~0		-2.7	-1.5	-1.0	-0.6	0.8	2.6					
0~20		-2.5	-1.1	-0.9	-0.4	0.9	2.5					
20~40		-2.4	-1.1	-0.7	0.0	1.6	3.2					
40~60		-2.3	-0.9	-0.3	0.1	1.9	3.8					
60~80		-2.3	-0.8	-0.3	0.5	2.1	4.0					
80~100		-2.0	-0.7	-0.1	0.8	2.3	4.5					
100~120		-2.3	-0.4	0.1	0.5	2.2	4.3					
120~140		-1.6	-0.2	0.2	1.2	3.2	5.2					