

H-ZF7LA			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	0.924	0.854				
n _{1970.09}	1970.09	1.755925	P _{d,C}	0.2868	P' _{d,C'}	0.2381	2200	0.958	0.917				
n _{1529.58}	1529.58	1.763376	P _{e,d}	0.2356	P' _{e,d}	0.2316	2000	0.976	0.953				
n _{1060.0}	1060.0	1.773552	P _{g,F}	0.6151	P' _{g,F'}	0.5437	1800	0.986	0.973				
n _t	1013.98	1.774981	P _{i,h}	1.0713	P' _{i,h}	1.0530	1600	0.996	0.992				
n _s	852.11	1.781525	异常色散 Abnormal Dispersions				1400	0.998	0.996				
n _r	706.52	1.791184					ΔP _{C,t}	0.0018	ΔP _{C,s}	-0.0009	1200	0.999	0.998
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	425/365			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	0.996
n _F	486.13	1.827738	T _s (°C)	615			700	0.998	0.996				
n _{F'}	479.99	1.829697	T ₁₀ ^{14.5} (°C)	530			650	0.997	0.995				
n _g	435.83	1.847193	T ₁₀ ¹³ (°C)	558			600	0.997	0.995				
n _h	404.66	1.864787	T ₁₀ ^{7.6} (°C)	678			550	0.996	0.993				
n _i	365.01	1.898671	α _{30/70°C} (10 ⁻⁷ /K)	90			500	0.992	0.985				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	113			480	0.991	0.982				
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				Grade		440	0.982	0.965		
									K ₁	1.65846092E+00		D _w	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		400	0.936	0.877		
									L ₁	1.44874699E+02		D _A	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		380	0.804	0.647		
									K ₂	2.98796445E-01		CR	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		360	0.145	0.021		
									L ₂	6.35424599E-02		RC(S)	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		340				
									K ₃	1.81848340E+00		RA(S)	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		320				
									L ₃	1.41908346E-02			
折射率温度系数常数 Constants of dn/dt			Grade				Grade		300				
									D ₀	-7.91E-06			
折射率温度系数常数 Constants of dn/dt			Grade				Grade		280				
									D ₁	1.24E-08			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									D ₂	-3.12E-11			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									E ₀	1.09E-06			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									E ₁	1.48E-09			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									λ _{TK} (μm)	0.281			
折射率温度系数 Temperature Coefficients of Refractive Index			机械性质 Mechanical Properties				机械性质 Mechanical Properties						
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				H _k (10 ⁷ Pa)		513				
Range of Temperature			t	C'	d	e	F'	g	F _A				
-60~-40			-2.3	-1.8	-0.8	-0.6	0.3	1.8	E (10 ⁷ Pa)				
-40~-20			-3.1	-1.7	-1.4	-0.8	0.6	1.7	G (10 ⁷ Pa)				
-20~0			-2.7	-1.5	-1.0	-0.6	0.8	2.6	μ				
0~20			-2.5	-1.1	-0.9	-0.4	0.9	2.5	B (10 ⁻¹² /Pa)				
20~40			-2.4	-1.1	-0.7	0.0	1.6	3.2	其他性质 Other Properties				
40~60			-2.3	-0.9	-0.3	0.1	1.9	3.8	ρ (g/cm ³)				
60~80			-2.3	-0.8	-0.3	0.5	2.1	4.0	备注 Remarks				
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					