

H-ZLaF52A			806410		n _d = 1.806100		v _d = 41.02		n _F - n _C = 0.019653		
					n _e = 1.810768		v _e = 40.76		n _{F'} - n _{C'} = 0.019890		
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}	0.2414	P' _{s,t}	0.2385	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.762104	P _{C,s}	0.5010	P' _{C',s}	0.5412	2400	0.849	0.720		
n _{1970.09}	1970.09	1.768731	P _{d,C}	0.2969	P' _{d,C'}	0.2472	2200	0.956	0.913		
n _{1529.58}	1529.58	1.776045	P _{e,d}	0.2375	P' _{e,d}	0.2347	2000	0.983	0.967		
n _{1060.0}	1060.0	1.784591	P _{g,F}	0.5692	P' _{g,F'}	0.5043	1800	0.994	0.988		
n _t	1013.98	1.785675	P _{i,h}	0.8570	P' _{i,h}	0.8468	1600	0.998	0.996		
n _s	852.11	1.790419	异常色散 Abnormal Dispersions				1400	0.998	0.997		
n _r	706.52	1.797016					ΔP _{C,t}	0.0029	ΔP _{C,s}	0.0023	1200
n _C	656.27	1.800265	ΔP _{F,e}	-0.0016	ΔP _{g,F}	-0.0067	1060	0.999	0.998		
n _{C'}	643.85	1.801184	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.802046					λ ₈₀ /λ ₅	400/335		950	0.999
n _D	589.29	1.805927	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.806100	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.810768					T _g (°C)	573		800	0.998
n _F	486.13	1.819918	T _s (°C)	607		700	0.996	0.992			
n _{F'}	479.99	1.821074	T ₁₀ ^{14.5} (°C)	539		650	0.996	0.992			
n _g	435.83	1.831104	T ₁₀ ¹³ (°C)	566		600	0.996	0.993			
n _h	404.66	1.840645	T ₁₀ ^{7.6} (°C)	660		550	0.997	0.994			
n _i	365.01	1.857488	α _{30/70°C} (10 ⁻⁷ /K)	61		500	0.995	0.991			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	75		480	0.994	0.988			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.991	0.983			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.987	0.975		
							K ₁	1.85313688E+00		Grade	
L ₁	9.85534639E-03		D _w	1		400	0.973	0.947			
K ₂	3.17938591E-01		D _A	3		390	0.961	0.923			
L ₂	3.92611678E-02		CR	1		380	0.938	0.880			
K ₃	1.16396318E+00		RC(S)	1		370	0.892	0.795			
L ₃	9.31032763E+01		RA(S)	4		360	0.789	0.622			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.566	0.320		
							D ₀	8.88E-06		H _k (10 ⁷ Pa)	596
D ₁	1.78E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330				
D ₂	-3.99E-11						D _w	1		320	
E ₀	8.58E-07		D _A	3		310					
E ₁	7.59E-10		CR	1		300					
λ _{TK} (μm)	0.220		RC(S)	1		290					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				280				
							Range of Temperature	t	C'	d	e
-60~-40	7.0	7.7	8.0	8.6	9.3	10.2	ρ (g/cm ³)		4.48		
-40~-20	7.0	8.2	8.5	8.8	9.5	10.4	备注 Remarks				
-20~0	7.2	8.3	8.8	9.1	9.9	10.8					
0~20	7.4	8.4	8.9	9.1	10.1	11.0					
20~40	7.8	8.8	9.3	9.6	10.5	11.5					
40~60	8.0	9.0	9.4	9.9	10.9	11.9					
60~80	8.1	9.3	9.8	10.2	11.1	12.2					
80~100	8.2	9.4	9.8	10.2	11.2	12.3					
100~120	8.4	9.5	9.9	10.4	11.5	12.6					
120~140	8.6	9.8	10.3	10.7	11.8	13.0					