

H-ZK7A			613604			n _d = 1.613090		v _d = 60.36		n _F - n _C = 0.010158	
						n _e = 1.615513		v _e = 60.11		n _{F'} - n _{C'} = 0.010240	
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}	0.2902	P' _{s,t}	0.2879	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.581889	P _{C,s}	0.5453	P' _{C',s}	0.5893	2400	0.866	0.750		
n _{1970.09}	1970.09	1.587980	P _{d,C}	0.3053	P' _{d,C'}	0.2545	2200	0.937	0.878		
n _{1529.58}	1529.58	1.594361	P _{e,d}	0.2385	P' _{e,d}	0.2366	2000	0.981	0.962		
n _{1060.0}	1060.0	1.600785	P _{g,F}	0.5411	P' _{g,F'}	0.4804	1800	0.991	0.982		
n _t	1013.98	1.601502	P _{i,h}	0.7626	P' _{i,h}	0.7564	1600	0.996	0.992		
n _s	852.11	1.604450	异常色散 Abnormal Dispersions				1400	0.993	0.985		
n _r	706.52	1.608216					ΔP _{C,t}	0.0048	ΔP _{C,s}	0.0008	1200
n _C	656.27	1.609989	ΔP _{F,e}	-0.0006	ΔP _{g,F}	-0.0019	1060	0.999	0.998		
n _{C'}	643.85	1.610484	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.610946					λ ₈₀ /λ ₅	350/290			950
n _D	589.29	1.612999	λ ₇₀ /λ ₅				900	0.999	0.998		
n _d	587.56	1.613090	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.615513					T _g (°C)	670			800
n _F	486.13	1.620147	T _s (°C)	710			700	0.999	0.998		
n _{F'}	479.99	1.620724	T ₁₀ ^{14.5} (°C)	606			650	0.999	0.998		
n _g	435.83	1.625643	T ₁₀ ¹³ (°C)	645			600	0.998	0.997		
n _h	404.66	1.630196	T ₁₀ ^{7.6} (°C)	770			550	0.998	0.997		
n _i	365.01	1.637942	α _{30/70} (10 ⁻⁷ /K)	62			500	0.998	0.996		
n _{313.18}	313.18	1.653649	α _{100/300} (10 ⁻⁷ /K)	75			480	0.997	0.995		
n _{302.15}	302.15	1.658294	λ[W/(m·K)]				460	0.997	0.995		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.995	0.991		
							Grade				
K ₁	9.38065696E-01		D _w	3			420	0.995	0.990		
L ₁	4.38468072E-03		D _A	4			400	0.993	0.987		
K ₂	6.23491935E-01		CR	4			390	0.989	0.979		
L ₂	1.69391481E-02		RC(S)	1			380	0.984	0.968		
K ₃	1.00587058E+00		RA(S)	4			370	0.972	0.945		
L ₃	9.32750706E+01						360	0.947	0.897		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.899	0.809		
							H _k (10 ⁷ Pa)	553			340
D ₀	3.89E-07		D _w	3			330	0.672	0.451		
D ₁	1.54E-08		D _A	4			320	0.508	0.258		
D ₂	-4.77E-11		CR	4			310	0.354	0.125		
E ₀	3.87E-07		RC(S)	1			300	0.217	0.047		
E ₁	5.71E-10		RA(S)	4			290	0.126	0.016		
λ _{TK} (μm)	0.198						280				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		3.41		
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)						备注 Remarks			
Range of Temperature		t	C'	d	e	F'	g				
-60~-40											
-40~-20		1.6	1.8	1.9	2.0	2.4	2.6				
-20~0		1.7	2.0	2.0	2.3	2.6	2.7				
0~20		1.8	2.1	2.1	2.5	2.8	2.8				
20~40		1.9	2.2	2.3	2.6	2.9	3.0				
40~60		2.0	2.3	2.4	2.6	2.9	3.3				
60~80		2.2	2.5	2.6	2.7	3.0	3.4				
80~100											
100~120											
120~140											