

H-QF8			541472				n _d = 1.54072		v _d = 47.23		n _F - n _C = 0.011449	
							n _e = 1.54344		v _e = 46.94		n _{F'} - n _{C'} = 0.011577	
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}	0.2594	P' _{s,t}	0.2565	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42		P _{C,s}	0.5179	P' _{C',s}	0.5589	2400	0.880	0.780			
n _{1970.09}	1970.09		P _{d,C}	0.2987	P' _{d,C'}	0.2488	2200	0.918	0.842			
n _{1529.58}	1529.58		P _{e,d}	0.2376	P' _{e,d}	0.2349	2000	0.959	0.920			
n _{1060.0}	1060.0		P _{g,F}	0.5678	P' _{g,F'}	0.5037	1800	0.983	0.967			
n _t	1013.98	1.52840	P _{i,h}		P' _{i,h}		1600	0.998	0.996			
n _s	852.11	1.53137					1400	0.999	0.998			
n _r	706.52	1.53537	异常色散 Abnormal Dispersions				1200	0.999	0.998			
n _C	656.27	1.53730	ΔP _{C,t}	0.0086	ΔP _{C,s}	0.0046	1060	0.999	0.998			
n _{C'}	643.85	1.53784	ΔP _{F,e}	0.0000	ΔP _{g,F}	0.0025	1000	0.999	0.998			
n _{He-Ne}	632.8	1.53835					950	0.999	0.998			
n _D	589.29	1.54062					900	0.999	0.998			
n _d	587.56	1.54072	着色度 Color Code				850	0.999	0.998			
n _e	546.07	1.54344	λ ₈₀ /λ ₅		370/340		800	0.999	0.998			
n _F	486.13	1.54875	λ ₇₀ /λ ₅				700	0.998	0.997			
n _{F'}	479.99	1.54942					650	0.998	0.996			
n _g	435.83	1.55525					600	0.998	0.996			
n _h	404.66	1.56081					550	0.998	0.996			
n _i	365.01	1.57067	热性质 Thermal Properties				500	0.997	0.994			
n _{313.18}	313.18		T _g (°C)		460		480	0.996	0.992			
n _{302.15}	302.15		T _s (°C)		531		460	0.995	0.991			
			T ₁₀ ^{14.5} (°C)		415		440	0.995	0.990			
			T ₁₀ ¹³ (°C)		459		420	0.993	0.987			
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)		633		400	0.987	0.974			
A ₀	2.3274942E+00		α _{30/70°C} (10 ⁻⁷ /K)		96		390	0.977	0.954			
A ₁	-7.6745860E-03		α _{100/300°C} (10 ⁻⁷ /K)		113		380	0.954	0.911			
A ₂	1.7076264E-02		λ[W/(m·K)]				370	0.907	0.823			
A ₃	-3.0635807E-04						360	0.790	0.620			
A ₄	9.6037531E-05		化学性质 Chemical Properties				350	0.530	0.280			
A ₅	-3.4643788E-06		Grade				340	0.140	0.020			
折射率温度系数常数 Constants of dn/dt			D _w				330					
D ₀	-2.28E-06		D _A				320					
D ₁	1.48E-08		CR				310					
D ₂	-8.66E-11		RC(S)				300					
E ₀	5.08E-07		RA(S)				290					
E ₁	1.15E-10						280					
λ _{TK} (μm)	0.282						机械性质 Mechanical Properties					
折射率温度系数 Temperature Coefficients of Refractive Index							H _k (10 ⁷ Pa)		487			
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)							F _A		84	
Range of Temperature		t	C'	d	e	F'	g	E (10 ⁷ Pa)		6950		
-60~-40								G (10 ⁷ Pa)		2829		
-40~-20		0.2	0.7	0.9	1.2	1.7	1.8	μ		0.228		
-20~0		0.3	1.0	1.2	1.5	2.0	2.4	B (10 ⁻¹² /Pa)		2.61		
0~20		0.7	1.0	1.2	1.3	1.9	2.4	其他性质 Other Properties				
20~40		0.7	0.9	1.2	1.5	1.9	2.5	ρ (g/cm ³)		2.54		
40~60		0.8	1.0	1.3	1.4	1.9	2.7	备注 Remarks				
60~80		0.7	1.0	1.4	1.5	2.0	2.7					
80~100												
100~120												
120~140												