

H-F3			617367			n _d = 1.616590		v _d = 36.65		n _F - n _C = 0.016823	
						n _e = 1.620571		v _e = 36.38		n _{F'} - n _{C'} = 0.017058	
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}	0.2376	P' _{s,t}	0.2343	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.579001	P _{C,s}	0.4920	P' _{C',s}	0.5307	2400	0.934	0.873		
n _{1970.09}	1970.09	1.584748	P _{d,C}	0.2935	P' _{d,C'}	0.2440	2200	0.944	0.892		
n _{1529.58}	1529.58	1.591117	P _{e,d}	0.2366	P' _{e,d}	0.2334	2000	0.978	0.957		
n _{1060.0}	1060.0	1.598459	P _{g,F}	0.5876	P' _{g,F'}	0.5203	1800	0.988	0.976		
n _t	1013.98	1.599378	P _{i,h}	0.9505	P' _{i,h}	0.9374	1600	0.996	0.992		
n _s	852.11	1.603375	异常色散 Abnormal Dispersions				1400	0.996	0.991		
n _r	706.52	1.608917					ΔP _{C,t}	0.0107	ΔP _{C,s}	0.0036	1200
n _C	656.27	1.611652	ΔP _{F,e}	0.0003	ΔP _{g,F}	0.0044	1060	0.999	0.998		
n _{C'}	643.85	1.612427	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.613155					λ ₈₀ /λ ₅	385/355		950	0.999
n _D	589.29	1.616443	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.616590	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.620571					T _g (°C)	610		800	0.999
n _F	486.13	1.628475	T _s (°C)	640		700	0.999	0.998			
n _{F'}	479.99	1.629485	T ₁₀ ^{14.5} (°C)	532		650	0.999	0.997			
n _g	435.83	1.638361	T ₁₀ ¹³ (°C)	574		600	0.998	0.996			
n _h	404.66	1.647032	T ₁₀ ^{7.6} (°C)	728		550	0.997	0.995			
n _i	365.01	1.663023	α _{30/70°C} (10 ⁻⁷ /K)	74		500	0.996	0.992			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	95		480	0.996	0.992			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.995	0.991			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.993	0.987		
							K ₁	1.40512926E+00		Grade	420
折射率温度系数常数 Constants of dn/dt			Grade				400	0.984	0.969		
							D ₀	1.01E-07		D _w	2
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				380	0.925	0.855		
							D ₁	1.60E-08		D _A	1
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				360	0.430	0.185		
							Range of Temperature	t	C'	d	e
-60~-40			dn/dt relative(10 ⁻⁶ /°C)				340				
							1.4	2.2	2.5	2.7	3.3
-40~-20			dn/dt relative(10 ⁻⁶ /°C)				330				
							1.4	2.2	2.5	2.8	3.4
-20~0			dn/dt relative(10 ⁻⁶ /°C)				320				
							1.5	2.3	2.6	2.8	3.4
0~20			dn/dt relative(10 ⁻⁶ /°C)				310				
							1.9	2.6	2.8	3.1	3.9
20~40			dn/dt relative(10 ⁻⁶ /°C)				300				
							2.1	2.7	3.1	3.4	4.1
40~60			dn/dt relative(10 ⁻⁶ /°C)				290				
							2.1	2.8	3.1	3.4	4.2
60~80			dn/dt relative(10 ⁻⁶ /°C)				280				
							2.1	2.8	3.1	3.5	4.2
80~100			dn/dt relative(10 ⁻⁶ /°C)								
							2.1	2.8	3.1	3.5	4.3
100~120			dn/dt relative(10 ⁻⁶ /°C)								
							2.1	3.0	3.3	3.6	4.6
120~140			dn/dt relative(10 ⁻⁶ /°C)								
							2.2	3.1	3.6	3.8	4.7
							机械性质 Mechanical Properties				
							H _k (10 ⁷ Pa)	604			
							F _A	121			
							E (10 ⁷ Pa)	7980			
							G (10 ⁷ Pa)	3245			
							μ	0.230			
							B (10 ⁻¹² /Pa)				
							其他性质 Other Properties				
							ρ (g/cm ³)	2.68			
							备注 Remarks				