

H-F4			620364				n _d = 1.620050		v _d = 36.35		n _F - n _C = 0.017060		
							n _e = 1.624087		v _e = 36.08		n _{F'} - n _{C'} = 0.017299		
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}	0.2379	P' _{s,t}	0.2346	λ (nm)	τ (5mm)	τ (10mm)				
n _{2325.42}	2325.42	1.581693	P _{C,s}	0.4919	P' _{C',s}	0.5305	2400	0.922	0.850				
n _{1970.09}	1970.09	1.587637	P _{d,C}	0.2934	P' _{d,C'}	0.2439	2200	0.936	0.876				
n _{1529.58}	1529.58	1.594178	P _{e,d}	0.2366	P' _{e,d}	0.2334	2000	0.977	0.954				
n _{1060.0}	1060.0	1.601662	P _{g,F}	0.5885	P' _{g,F'}	0.5211	1800	0.986	0.973				
n _t	1013.98	1.602595	P _{i,h}	0.9570	P' _{i,h}	0.9438	1600	0.994	0.989				
n _s	852.11	1.606653	异常色散 Abnormal Dispersions				1400	0.992	0.985				
n _r	706.52	1.612272					ΔP _{C,t}	0.0122	ΔP _{C,s}	0.0042	1200	0.998	0.997
n _C	656.27	1.615044	ΔP _{F,e}	0.0002	ΔP _{g,F}	0.0047	1060	0.999	0.998				
n _{C'}	643.85	1.615830	着色度 Color Code				1000	0.999	0.998				
n _{He-Ne}	632.8	1.616568					λ ₈₀ /λ ₅	390/355			950	0.999	0.998
n _D	589.29	1.619901	λ ₇₀ /λ ₅				900	0.999	0.998				
n _d	587.56	1.620050	热性质 Thermal Properties				850	0.999	0.998				
n _e	546.07	1.624087					T _g (°C)	584			800	0.999	0.998
n _F	486.13	1.632104	T _s (°C)	630			700	0.998	0.997				
n _{F'}	479.99	1.633129	T ₁₀ ^{14.5} (°C)	528			650	0.998	0.996				
n _g	435.83	1.642144	T ₁₀ ¹³ (°C)	562			600	0.998	0.996				
n _h	404.66	1.650966	T ₁₀ ^{7.6} (°C)	712			550	0.997	0.995				
n _i	365.01	1.667292	α _{30/70} (10 ⁻⁷ /K)	76			500	0.995	0.991				
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	90			480	0.994	0.988				
n _{302.15}	302.15		λ[W/(m·K)]				460	0.993	0.986				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				Grade		440	0.991	0.983		
									K ₁	1.31898794E-01		D _w	2
折射率温度系数常数 Constants of dn/dt			Grade				Grade		400	0.977	0.955		
									L ₁	5.79319500E-02		D _A	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		380	0.907	0.822		
									K ₂	1.42441827E+00		CR	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		360	0.387	0.150		
									L ₂	1.06270032E-02		RC(S)	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		340				
									K ₃	1.21746316E+00		RA(S)	1
折射率温度系数常数 Constants of dn/dt			Grade				Grade		320				
									L ₃	1.17376535E+02			
折射率温度系数常数 Constants of dn/dt			Grade				Grade		300				
									D ₀	-5.06E-07			
折射率温度系数常数 Constants of dn/dt			Grade				Grade		280				
									D ₁	1.71E-08			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									D ₂	-6.38E-11			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									E ₀	7.53E-07			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									E ₁	6.73E-10			
折射率温度系数常数 Constants of dn/dt			Grade				Grade						
									λ _{TK} (μm)	0.266			
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)		607				
Range of Temperature			t	C'	d	e	F'	g	F _A				
-60~-40			1.1	1.7	2.0	2.3	3.0	3.7	128				
-40~-20			1.1	1.7	2.0	2.4	3.0	3.9	E (10 ⁷ Pa)				
-20~0			1.2	2.0	2.2	2.6	3.2	4.1	8344				
0~20			1.6	2.2	2.5	2.9	3.5	4.3	G (10 ⁷ Pa)				
20~40			1.8	2.5	2.8	3.1	3.9	4.8	μ				
40~60			1.8	2.6	2.9	3.2	4.1	4.9	0.229				
60~80			1.8	2.6	2.9	3.2	4.1	4.9	B (10 ⁻¹² /Pa)				
80~100			1.8	2.6	2.9	3.2	4.1	5.0	2.92				
100~120			1.8	2.6	3.0	3.3	4.1	5.3	其他性质 Other Properties				
120~140			1.8	2.7	3.1	3.3	4.3	5.5	ρ (g/cm ³)				
							2.67						
							备注 Remarks						