

H-K7			515606			n _d = 1.51478		v _d = 60.63		n _F - n _C = 0.008490								
						n _e = 1.51681		v _e = 60.33		n _{F'} - n _{C'} = 0.008566								
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}	0.2839	P' _{s,t}	0.2813	λ (nm)	τ (5mm)	τ (10mm)									
n _{2325.42}	2325.42		P _{C,s}	0.5465	P' _{C',s}	0.5895	2400	0.857	0.735									
n _{1970.09}	1970.09		P _{d,C}	0.3062	P' _{d,C'}	0.2557	2200	0.896	0.803									
n _{1529.58}	1529.58		P _{e,d}	0.2391	P' _{e,d}	0.2370	2000	0.950	0.903									
n _{1060.0}	1060.0		P _{g,F}	0.5432	P' _{g,F'}	0.4812	1800	0.978	0.957									
n _t	1013.98	1.50513	P _{i,h}		P' _{i,h}		1600	0.995	0.989									
n _s	852.11	1.50754	异常色散 Abnormal Dispersions				1400	0.995	0.991									
n _r	706.52	1.51070					ΔP _{C,t}	-0.0016	ΔP _{C,s}	0.0014	1200	0.999	0.998					
n _C	656.27	1.51218	ΔP _{F,e}	-0.0019	ΔP _{g,F}	0.0008	1060	0.999	0.998									
n _{C'}	643.85	1.51259	着色度 Color Code				1000	0.999	0.998									
n _{He-Ne}	632.8	1.51298					λ ₈₀ /λ ₅	320/290		950	0.999	0.998						
n _D	589.29	1.51470	λ ₇₀ /λ ₅			900	0.999	0.998										
n _d	587.56	1.51478	热性质 Thermal Properties				850	0.999	0.998									
n _e	546.07	1.51681					T _g (°C)	535		800	0.999	0.998						
n _F	486.13	1.52067	T _s (°C)	613		700	0.999	0.998										
n _{F'}	479.99	1.52116	T ₁₀ ^{14.5} (°C)	476		650	0.999	0.998										
n _g	435.83	1.52528	T ₁₀ ¹³ (°C)	523		600	0.998	0.996										
n _h	404.66	1.52910	T ₁₀ ^{7.6} (°C)	717		550	0.998	0.997										
n _i	365.01	1.53561	α _{30/70°C} (10 ⁻⁷ /K)	85		500	0.998	0.996										
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	100		480	0.998	0.996										
n _{302.15}	302.15		λ[W/(m·K)]			460	0.998	0.996										
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.998	0.996									
							A ₀	2.2597882E+00		Grade		420	0.998	0.996				
							A ₁	-6.9388593E-03		D _w	1		400	0.998	0.997			
							A ₂	1.3448855E-02		D _A	1		390	0.998	0.996			
							A ₃	-4.0590436E-04		CR	2		380	0.996	0.993			
							A ₄	7.6441112E-05		RC(S)	3		370	0.996	0.993			
							A ₅	-3.5192814E-06		RA(S)	1		360	0.995	0.990			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.992	0.984									
							D ₀	-3.47E-06		H _k (10 ⁷ Pa)	468		340	0.985	0.970			
							D ₁	1.04E-08		F _A	85		330	0.973	0.947			
							D ₂	-1.23E-11		E (10 ⁷ Pa)	6794		320	0.938	0.879			
							E ₀	5.23E-07		G (10 ⁷ Pa)	2776		310	0.849	0.721			
							E ₁	2.98E-10		μ	0.224		300	0.655	0.429			
							λ _{TK} (μm)	0.190		B (10 ⁻¹² /Pa)	2.90		290	0.358	0.128			
							折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		2.54		
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)												备注 Remarks				
																		Range of Temperature
-60~-40																		
-40~-20		0.4	0.5	0.8	0.8	0.9								1.6				
-20~0		0.1	0.8	0.9	1.0	1.3								1.3				
0~20		0.1	0.5	0.6	0.8	1.1								1.4				
20~40		0.2	0.3	0.6	0.8	1.1								1.5				
40~60		0.2	0.7	0.7	0.9	1.1								1.4				
60~80		0.2	0.6	0.7	1.0	1.1								1.6				
80~100																		
100~120																		
120~140																		