

D-ZF93			002207			n _d = 2.001700		v _d = 20.70		n _F - n _C = 0.048391	
						n _e = 2.013051		v _e = 20.52		n _{F'} - n _{C'} = 0.049359	
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}	0.1924	P' _{s,t}	0.1886	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.925008	P _{C,s}	0.4426	P' _{C',s}	0.4766	2400	0.854	0.730		
n _{1970.09}	1970.09	1.932540	P _{d,C}	0.2818	P' _{d,C'}	0.2336	2200	0.947	0.896		
n _{1529.58}	1529.58	1.941773	P _{e,d}	0.2346	P' _{e,d}	0.2300	2000	0.981	0.962		
n _{1060.0}	1060.0	1.955344	P _{g,F}	0.6389	P' _{g,F'}	0.5641	1800	0.992	0.985		
n _t	1013.98	1.957337	P _{i,h}		P' _{i,h}		1600	0.997	0.994		
n _s	852.11	1.966646	异常色散 Abnormal Dispersions				1400	0.998	0.996		
n _r	706.52	1.980755					ΔP _{C,t}	-0.0088	ΔP _{C,s}	-0.0080	1200
n _C	656.27	1.988065	ΔP _{F,e}	0.0055	ΔP _{g,F}	0.0285	1060	0.999	0.998		
n _{C'}	643.85	1.990170	着色度 Color Code				1000	0.998	0.997		
n _{He-Ne}	632.8	1.992160					λ ₈₀ /λ ₅				950
n _D	589.29	2.001287	λ ₇₀ /λ ₅	470/405			900	0.998	0.996		
n _d	587.56	2.001700	热性质 Thermal Properties				850	0.997	0.995		
n _e	546.07	2.013051					T _g (°C)	439			800
n _F	486.13	2.036456	T _s (°C)	462			700	0.994	0.989		
n _{F'}	479.99	2.039529	T ₁₀ ^{14.5} (°C)	408			650	0.994	0.988		
n _g	435.83	2.067374	T ₁₀ ¹³ (°C)	428			600	0.993	0.986		
n _h	404.66		T ₁₀ ^{7.6} (°C)	496			550	0.988	0.976		
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	78			500	0.958	0.918		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	94			480	0.927	0.859		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.869	0.755		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.758	0.575		
							Grade				420
K ₁	1.51323628E+00		D _w	1			400	0.134	0.018		
L ₁	1.06262695E+02		D _A	4			390				
K ₂	2.16740096E+00		CR	1			380				
L ₂	1.42318570E-02		RC(S)	1			370				
K ₃	6.06108042E-01		RA(S)	4			360				
L ₃	6.66586743E-02		机械性质 Mechanical Properties				350				
折射率温度系数常数 Constants of dn/dt							D _w	1			340
			D ₀	1.28E-05		D _A	4			330	
D ₁	3.34E-08		CR	1			320				
D ₂	-1.53E-10		RC(S)	1			310				
E ₀	2.75E-06		RA(S)	4			300				
E ₁	2.52E-09		其他性质 Other Properties				290				
λ _{TK} (μm)	0.299						ρ (g/cm ³)	6.11			280
折射率温度系数 Temperature Coefficients of Refractive Index			温度范围 (°C) dn/dt relative(10 ⁻⁶ /°C)				备注 Remarks				
Range of Temperature											
-60~-40											
-40~-20			10.8	14.9	16.3	18.2	23.0	29.2			
-20~0			12.1	16.2	18.0	20.1	24.5	31.4			
0~20			12.1	16.7	18.7	20.8	26.3	32.5			
20~40			13.9	18.0	20.4	22.5	28.1	35.1			
40~60			13.9	19.1	20.5	22.4	28.2	35.1			
60~80			14.3	19.3	21.3	23.7	29.4	37.1			
80~100											
100~120											
120~140											