

D-ZLaF85A-25			851401			n _d = 1.851100		v _d = 40.06		n _F - n _C = 0.021248		
						n _e = 1.856147		v _e = 39.81		n _{F'} - n _{C'} = 0.021508		
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}	0.2382	P' _{s,t}	0.2354	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.804873	P _{C,s}	0.4985	P' _{C',s}	0.5386	2400	0.903	0.815			
n _{1970.09}	1970.09	1.811574	P _{d,C}	0.2966	P' _{d,C'}	0.2469	2200	0.976	0.953			
n _{1529.58}	1529.58	1.819058	P _{e,d}	0.2375	P' _{e,d}	0.2347	2000	0.992	0.983			
n _{1060.0}	1060.0	1.827995	P _{g,F}	0.5699	P' _{g,F'}	0.5048	1800	0.999	0.998			
n _t	1013.98	1.829144	P _{i,h}	0.8575	P' _{i,h}	0.8471	1600	0.999	0.998			
n _s	852.11	1.834206	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.841296					ΔP _{C,t}	0.0017	ΔP _{C,s}	0.0021	1200	0.999
n _C	656.27	1.844798	ΔP _{F,e}	-0.0019	ΔP _{g,F}	-0.0075	1060	0.999	0.998			
n _{C'}	643.85	1.845790	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.846720					λ ₈₀ /λ ₅				950	0.999
n _D	589.29	1.850913	λ ₇₀ /λ ₅	380/340			900	0.999	0.998			
n _d	587.56	1.851100	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.856147					T _g (°C)	606			800	0.998
n _F	486.13	1.866046	T _s (°C)	651			700	0.997	0.995			
n _{F'}	479.99	1.867298	T ₁₀ ^{14.5} (°C)	556			650	0.996	0.993			
n _g	435.83	1.878156	T ₁₀ ¹³ (°C)	597			600	0.996	0.992			
n _h	404.66	1.888485	T ₁₀ ^{7.6} (°C)	711			550	0.996	0.992			
n _i	365.01	1.906705	α _{30/70°C} (10 ⁻⁷ /K)				500	0.993	0.985			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	78			480	0.990	0.980			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.987	0.974			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.983	0.965			
							Grade					
K ₁	1.37428361E+00		D _w	1			420	0.975	0.952			
L ₁	1.05610997E+02		D _A	5			400	0.960	0.921			
K ₂	4.12199165E-01		CR	1			390	0.944	0.891			
L ₂	3.73787374E-02		RC(S)	1			380	0.914	0.836			
K ₃	1.91320505E+00		RA(S)	3			370	0.860	0.740			
L ₃	9.75370563E-03						360	0.740	0.550			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.520	0.270			
							H _k (10 ⁷ Pa)	702				
D ₀	5.25E-06		D _w	1			340	0.190	0.040			
D ₁	2.15E-08		D _A	5			330					
D ₂	-1.05E-10		CR	1			320					
E ₀	8.21E-07		RC(S)	1			310					
E ₁	-6.33E-10		RA(S)	3			300					
λ _{TK} (μm)	0.216						290					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				E (10 ⁷ Pa)	12003				
							G (10 ⁷ Pa)	4613				
温度范围 (°C)	dn/dt relative(10 ⁻⁶ /°C)						μ	0.301				
Range of Temperature	t	C'	d	e	F'	g	B (10 ⁻¹² /Pa)	1.75				
-60~-40							备注 Remarks					
-40~-20	4.6	5.3	5.7	6.0	6.4	7.9						
-20~0	5.0	6.0	6.9	7.2	8.4	8.8	**: 退火速率 anneal rate 25°C/h					
0~20	5.3	6.4	6.8	7.3	8.2	9.1						
20~40	5.8	6.7	6.8	7.3	8.1	9.1						
40~60	6.0	6.8	7.4	7.6	8.1	9.5						
60~80	6.0	7.0	7.5	7.9	8.9	9.8						
80~100												
100~120												
120~140												