

D-ZLaF85L-25			853405			n _d = 1.852600		v _d = 40.53		n _F - n _C = 0.021035	
						n _e = 1.857598		v _e = 40.28		n _{F'} - n _{C'} = 0.021289	
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}	0.2386	P' _{s,t}	0.2357	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.806838	P _{C,s}	0.4991	P' _{C',s}	0.5393	2400	0.903	0.815		
n _{1970.09}	1970.09	1.813446	P _{d,C}	0.2968	P' _{d,C'}	0.2471	2200	0.975	0.951		
n _{1529.58}	1529.58	1.820846	P _{e,d}	0.2376	P' _{e,d}	0.2348	2000	0.992	0.983		
n _{1060.0}	1060.0	1.829701	P _{g,F}	0.5686	P' _{g,F'}	0.5037	1800	0.998	0.997		
n _t	1013.98	1.830841	P _{i,h}	0.8502	P' _{i,h}	0.8401	1600	0.999	0.998		
n _s	852.11	1.835859	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.842887					ΔP _{C,t}	0.0004	ΔP _{C,s}	0.0015	1200
n _C	656.27	1.846357	ΔP _{F,e}	-0.0019	ΔP _{g,F}	-0.0081	1060	0.999	0.998		
n _{C'}	643.85	1.847340	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.848262					λ ₈₀ /λ ₅				950
n _D	589.29	1.852415	λ ₇₀ /λ ₅	375/340			900	0.999	0.998		
n _d	587.56	1.852600	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.857598					T _g (°C)	620			800
n _F	486.13	1.867392	T _s (°C)	664			700	0.996	0.993		
n _{F'}	479.99	1.868629	T ₁₀ ^{14.5} (°C)	604			650	0.995	0.991		
n _g	435.83	1.879352	T ₁₀ ¹³ (°C)	637			600	0.995	0.990		
n _h	404.66	1.889531	T ₁₀ ^{7.6} (°C)	721			550	0.994	0.989		
n _i	365.01	1.907415	α _{30/70°C} (10 ⁻⁷ /K)	63			500	0.991	0.983		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	77			480	0.989	0.978		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.986	0.972		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.982	0.965		
							K ₁	1.71754157E+00		Grade	
L ₁	8.12526680E-03		D _w				400	0.966	0.933		
K ₂	6.14249641E-01						1		390	0.954	0.909
L ₂	3.23072933E-02		D _A				380	0.932	0.868		
K ₃	1.49329677E+00						5		370	0.890	0.790
L ₃	1.15416839E+02		CR				360	0.790	0.630		
折射率温度系数常数 Constants of dn/dt							RC(S)				350
			D ₀	4.58E-06		1					340
D ₁	1.63E-08		RA(S)				330				
D ₂	-3.37E-11						3		320		
E ₀	8.32E-07						310				
E ₁	7.24E-10						机械性质 Mechanical Properties				300
λ _{TK} (μm)	0.214		折射率温度系数 Temperature Coefficients of Refractive Index								290
温度范围 (°C)							dn/dt relative(10⁻⁶/°C)				280
			Range of Temperature	t	C'	d					e
-60~-40	4.7	5.6	6.0	6.2	7.1	7.9	F _A	104			
-40~-20	4.8	5.7	6.0	6.3	7.2	8.0	E (10 ⁷ Pa)	11946			
-20~0	4.8	5.8	6.1	6.5	7.4	8.2	G (10 ⁷ Pa)	4618			
0~20	4.9	6.0	6.4	6.7	7.7	8.4	μ	0.293			
20~40	5.1	6.3	6.7	6.9	8.0	8.9	B (10 ⁻¹² /Pa)	1.79			
40~60	5.5	6.4	7.1	7.6	8.4	9.4	其他性质 Other Properties				
60~80	5.8	6.6	7.2	7.7	8.4	9.7					ρ (g/cm ³)
80~100	5.8	7.0	7.3	7.8	8.7	9.8	备注 Remarks				
100~120	6.0	7.1	7.4	8.0	9.0	9.9					**：退火速率 anneal rate 25°C/h
120~140	6.1	7.2	7.4	8.0	9.1	10.0					