

D-ZLaF50-25			802455		n _d = 1.802250		ν _d = 45.45		n _F - n _C = 0.017650	
					n _e = 1.806450		ν _e = 45.20		n _{F'} - n _{C'} = 0.017841	
折射率 Refractive Index**			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ			
	λ (nm)		P _{s,t}	0.2524	P' _{s,t}	0.2496	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.759793	P _{C,s}	0.5124	P' _{C',s}	0.5537	2400	0.864	0.746	
n _{1970.09}	1970.09	1.766626	P _{d,C}	0.2994	P' _{d,C'}	0.2494	2200	0.963	0.928	
n _{1529.58}	1529.58	1.774063	P _{e,d}	0.2380	P' _{e,d}	0.2354	2000	0.985	0.970	
n _{1060.0}	1060.0	1.782435	P _{g,F}	0.5593	P' _{g,F'}	0.4958	1800	0.995	0.991	
n _t	1013.98	1.783467	P _{i,h}	0.8203	P' _{i,h}	0.8115	1600	0.999	0.997	
n _s	852.11	1.787921					1400	0.999	0.998	
n _r	706.52	1.794002	异常色散 Abnormal Dispersions				1200	0.999	0.998	
n _C	656.27	1.796965	ΔP _{C,t}	0.0043	ΔP _{C,s}	0.0032	1060	0.999	0.998	
n _{C'}	643.85	1.797800	ΔP _{F,e}	-0.0022	ΔP _{g,F}	-0.0090	1000	0.999	0.998	
n _{He-Ne}	632.8	1.798582					950	0.999	0.998	
n _D	589.29	1.802094					900	0.999	0.998	
n _d	587.56	1.802250	着色度 Color Code				850	0.998	0.997	
n _e	546.07	1.806450	λ ₈₀ /λ ₅		380/330		800	0.997	0.995	
n _F	486.13	1.814615	λ ₇₀ /λ ₅				700	0.997	0.994	
n _{F'}	479.99	1.815641					650	0.996	0.993	
n _g	435.83	1.824487					600	0.997	0.994	
n _h	404.66	1.832813					550	0.996	0.993	
n _i	365.01	1.847291	热性质 Thermal Properties				500	0.996	0.992	
n _{313.18}	313.18	1.878041	T _g (°C)		605		480	0.995	0.990	
色散公式常数 Constants of Dispersion Formula	n _{302.15}	302.15	T _s (°C)		642		460	0.993	0.987	
			T ₁₀ ^{14.5} (°C)		556		440	0.991	0.982	
			T ₁₀ ¹³ (°C)		588		420	0.988	0.976	
			T ₁₀ ^{7.6} (°C)		694		400	0.983	0.967	
			α _{30/70℃} (10 ⁻⁷ /K)		62		390	0.978	0.956	
			α _{100/300℃} (10 ⁻⁷ /K)		75		380	0.967	0.935	
			λ[W/(m·K)]				370	0.947	0.897	
						360	0.907	0.822		
						350	0.825	0.680		
		化学性质 Chemical Properties				340	0.660	0.430		
						330	0.350	0.120		
			Grade			320				
			D _W			1	310			
			D _A			3	300			
			CR			1	290			
			RC(S)			1	280			
			RA(S)			4				
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties			
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)					H _K (10 ⁷ Pa)			
Range of Temperature		t	C'	d	e	F'	g	F _A		104
-60~-40								E (10 ⁷ Pa)		12174
-40~-20		4.6	5.5	5.6	5.8	6.7	7.2	G (10 ⁷ Pa)		4673
-20~0		4.6	5.5	5.7	5.9	6.7	7.3	μ		0.302
0~20		4.8	5.7	6.3	6.4	7.0	7.8	B (10 ⁻¹² /Pa)		1.73
20~40		4.9	6.0	6.5	6.7	7.3	8.1			
40~60		5.5	6.3	6.5	6.8	7.5	8.3	其他性质 Other Properties		
60~80		5.6	6.3	6.5	7.0	7.9	8.5	ρ (g/cm ³)		4.89
80~100										
100~120								备注 Remarks		
120~140								**: 退火速率 anneal rate 25℃/h		