

D-ZK3A-25			588610				n _d = 1.588280		v _d = 61.01		n _F - n _C = 0.009642	
							n _e = 1.590580		v _e = 60.80		n _{F'} - n _{C'} = 0.009713	
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}	0.3047	P' _{s,t}	0.3025	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.556007	P _{C,s}	0.5565	P' _{C',s}	0.6012	2400	0.812	0.659			
n _{1970.09}	1970.09	1.562659	P _{d,C}	0.3068	P' _{d,C'}	0.2558	2200	0.917	0.840			
n _{1529.58}	1529.58	1.569562	P _{e,d}	0.2385	P' _{e,d}	0.2368	2000	0.977	0.955			
n _{1060.0}	1060.0	1.576291	P _{g,F}	0.5372	P' _{g,F'}	0.4773	1800	0.990	0.980			
n _t	1013.98	1.577018	P _{i,h}	0.7542	P' _{i,h}	0.7487	1600	0.995	0.990			
n _s	852.11	1.579956	异常色散 Abnormal Dispersions				1400	0.991	0.981			
n _r	706.52	1.583619					ΔP _{C,t}	0.0275	ΔP _{C,s}	0.0105	1200	0.999
n _C	656.27	1.585322	ΔP _{F,e}	-0.0017	ΔP _{g,F}	-0.0046	1060	0.999	0.998			
n _{C'}	643.85	1.585795	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.586236					λ ₈₀ /λ ₅	340/285			950	0.999
n _D	589.29	1.588194	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.588280	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.590580					T _g (°C)	538			800	0.999
n _F	486.13	1.594964	T _s (°C)	571			700	0.999	0.998			
n _{F'}	479.99	1.595508	T ₁₀ ^{14.5} (°C)	484			650	0.999	0.998			
n _g	435.83	1.600144	T ₁₀ ¹³ (°C)	516			600	0.999	0.998			
n _h	404.66	1.604428	T ₁₀ ^{7.6} (°C)	641			550	0.999	0.997			
n _i	365.01	1.611700	α _{30/70°C} (10 ⁻⁷ /K)	59			500	0.998	0.996			
n _{313.18}	313.18	1.626397	α _{100/300°C} (10 ⁻⁷ /K)	79			480	0.998	0.996			
n _{302.15}	302.15	1.630730	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	0.997	0.995			
							Grade			420	0.997	0.995
K ₁	6.00125686E-01		D _w	2			400	0.997	0.994			
L ₁	1.50823603E-03		D _A	4			390	0.995	0.990			
K ₂	8.85665979E-01		CR	1			380	0.993	0.986			
L ₂	1.42989412E-02		RC(S)				370	0.989	0.978			
K ₃	1.12367562E+00		RA(S)				360	0.981	0.962			
L ₃	9.58973607E+01		机械性质 Mechanical Properties				350	0.964	0.930			
折射率温度系数常数 Constants of dn/dt									340	0.935	0.874	
			D ₀	3.82E-06		H _k (10 ⁷ Pa)	547					
D ₁	1.69E-08		D _A	4			F _A	127				
D ₂	-5.99E-11		CR	1			E (10 ⁷ Pa)	9212				
E ₀	2.95E-07		RC(S)				G (10 ⁷ Pa)	3662				
E ₁	2.52E-10		RA(S)				μ	0.258				
λ _{TK} (μm)	0.271						B (10 ⁻¹² /Pa)	2.40				
折射率温度系数 Temperature Coefficients of Refractive Index			化学性质 Chemical Properties				其他性质 Other Properties					
温度范围 (°C)			dn/dt relative(10⁻⁶/°C)				ρ (g/cm ³)		3.01			
Range of Temperature			t	C'	d	e	F'	备注 Remarks				
-60~-40			2.6	2.9	3.1	3.1	3.6	**: 退火速率 anneal rate 25°C/h				
-40~-20			2.9	3.3	3.6	3.6	3.8					
-20~0			3.3	3.6	3.7	3.8	4.1					
0~20			3.4	3.6	3.8	4.0	4.4					
20~40			3.5	3.8	3.9	4.1	4.4					
40~60			3.6	3.9	4.0	4.1	4.5					
60~80			3.6	3.9	4.0	4.1	4.5					
80~100			3.6	3.9	4.0	4.2	4.5					
100~120			3.6	3.9	4.1	4.3	4.5					
120~140			3.6	4.0	4.3	4.4	4.7					