

D-ZPK7			569713				n _d = 1.569070		v _d = 71.30		n _F - n _C = 0.007981	
							n _e = 1.570974		v _e = 70.90		n _{F'} - n _{C'} = 0.008053	
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}	0.2638	P' _{s,t}	0.2614	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.548918	P _{C,s}	0.5266	P' _{C',s}	0.5696	2400	0.998	0.995			
n _{1970.09}	1970.09	1.552206	P _{d,C}	0.3031	P' _{d,C'}	0.2527	2200	0.998	0.997			
n _{1529.58}	1529.58	1.555814	P _{e,d}	0.2386	P' _{e,d}	0.2364	2000	0.999	0.998			
n _{1060.0}	1060.0	1.559851	P _{g,F}	0.5443	P' _{g,F'}	0.4828	1800	0.999	0.998			
n _t	1013.98	1.560343	P _{i,h}	0.7638	P' _{i,h}	0.7570	1600	0.999	0.998			
n _s	852.11	1.562448	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.565284					ΔP _{C,t}	-0.0919	ΔP _{C,s}	-0.0437	1200	0.999
n _C	656.27	1.566651	ΔP _{F,e}	0.0075	ΔP _{g,F}	0.0200	1060	0.999	0.998			
n _{C'}	643.85	1.567035	着色度 Color Code				1000	0.998	0.997			
n _{He-Ne}	632.8	1.567394					λ ₈₀ /λ ₅	340/270			950	0.998
n _D	589.29	1.568999	λ ₇₀ /λ ₅				900	0.998	0.996			
n _d	587.56	1.569070	热性质 Thermal Properties				850	0.998	0.996			
n _e	546.07	1.570974					T _g (°C)	497			800	0.998
n _F	486.13	1.574632	T _s (°C)	522			700	0.998	0.996			
n _{F'}	479.99	1.575088	T ₁₀ ^{14.5} (°C)	459			650	0.998	0.996			
n _g	435.83	1.578976	T ₁₀ ¹³ (°C)	483			600	0.998	0.996			
n _h	404.66	1.582571	T ₁₀ ^{7.6} (°C)	563			550	0.998	0.996			
n _i	365.01	1.588667	α _{30/70°C} (10 ⁻⁷ /K)	133			500	0.998	0.996			
n _{313.18}	313.18	1.600922	α _{100/300°C} (10 ⁻⁷ /K)	158			480	0.998	0.996			
n _{302.15}	302.15	1.604515	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	0.998	0.996			
							420	0.998	0.996			
K ₁	7.25400532E-01		Grade				400	0.998	0.996			
L ₁	2.96983783E-03						390	0.998	0.996			
K ₂	7.03767661E-01		D _w				380	0.997	0.994			
L ₂	1.34342640E-02						1				370	0.994
K ₃	7.72283140E-01		D _A								360	0.988
L ₃	1.35211711E+02						1				350	0.977
折射率温度系数常数 Constants of dn/dt			CR								340	0.955
							330	0.913	0.834			
D ₀	-2.47E-05		RC(S)				320	0.843	0.711			
D ₁	-2.21E-09						1				310	0.722
D ₂	5.20E-12		RA(S)								300	0.607
E ₀	4.58E-07						1				290	0.463
E ₁	5.69E-10										280	0.370
λ _{TK} (μm)	0.082						机械性质 Mechanical Properties				H _k (10 ⁷ Pa)	
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)								F _A	
							Range of Temperature		t	C'	d	e
-60~-40		-8.7	-8.6	-8.5	-8.4	-8.3	-7.9	G (10 ⁷ Pa)		2541		
-40~-20		-9.0	-8.9	-8.8	-8.7	-8.5	-8.3	μ		0.306		
-20~0		-9.3	-9.0	-8.9	-8.8	-8.8	-8.7	B (10 ⁻¹² /Pa)		0.18		
0~20		-9.7	-9.4	-9.3	-9.2	-9.0	-8.9	其他性质 Other Properties				
20~40		-10.0	-9.7	-9.5	-9.5	-9.3	-9.1					ρ (g/cm ³)
40~60		-10.0	-9.8	-9.6	-9.5	-9.5	-9.2	备注 Remarks				
60~80		-10.1	-9.9	-9.8	-9.7	-9.5	-9.3					*: 退火速率 anneal rate 4°C/h
80~100		-10.2	-10.0	-9.9	-9.8	-9.6	-9.4					
100~120		-10.3	-10.1	-10.0	-9.9	-9.7	-9.6					
120~140		-10.4	-10.2	-10.1	-10.0	-9.8	-9.7					