

D-ZPK7-25			569712				n _d = 1.568540		ν _d = 71.24		n _F - n _C = 0.007981								
							n _e = 1.570444		ν _e = 70.84		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	1.548388	P _{C,s}	0.5266	P' _{C',s}	0.5696	2400	0.998	0.995										
n _{1970.09}	1970.09	1.551677	P _{d,C}	0.3031	P' _{d,C'}	0.2527	2200	0.998	0.997										
n _{1529.58}	1529.58	1.555284	P _{e,d}	0.2386	P' _{e,d}	0.2364	2000	0.999	0.998										
n _{1060.0}	1060.0	1.559321	P _{g,F}	0.5443	P' _{g,F'}	0.4828	1800	0.999	0.998										
n _t	1013.98	1.559813	P _{i,h}	0.7639	P' _{i,h}	0.7571	1600	0.999	0.998										
n _s	852.11	1.561918	异常色散 Abnormal Dispersions				1400	0.999	0.998										
n _r	706.52	1.564753					ΔP _{C,t}	-0.0916	ΔP _{C,s}	-0.0435	1200	0.999	0.998						
n _C	656.27	1.566121	ΔP _{F,e}	0.0075	ΔP _{g,F}	0.0199	1060	0.999	0.998										
n _{C'}	643.85	1.566505	着色度 Color Code				1000	0.998	0.997										
n _{He-Ne}	632.8	1.566864					λ ₈₀ /λ ₅	340/270			950	0.998	0.996						
n _D	589.29	1.568469	λ ₇₀ /λ ₅				900	0.998	0.996										
n _d	587.56	1.568540	热性质 Thermal Properties				850	0.998	0.996										
n _e	546.07	1.570444					T _g (°C)	497			800	0.998	0.996						
n _F	486.13	1.574102	T _s (°C)	522			700	0.998	0.996										
n _{F'}	479.99	1.574558	T ₁₀ ^{14.5} (°C)	459			650	0.998	0.996										
n _g	435.83	1.578446	T ₁₀ ¹³ (°C)	483			600	0.998	0.996										
n _h	404.66	1.582041	T ₁₀ ^{7.6} (°C)	563			550	0.998	0.996										
n _i	365.01	1.588138	α _{30/70} (10 ⁻⁷ /K)	133			500	0.998	0.996										
n _{313.18}	313.18	1.600393	α _{100/300} (10 ⁻⁷ /K)	158			480	0.998	0.996										
n _{302.15}	302.15	1.603985	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				Grade			440	0.998	0.996							
										K ₁	7.14112710E-01					420	0.998	0.996	
										L ₁	1.33604289E-02					400	0.998	0.996	
										K ₂	7.13400795E-01					390	0.998	0.996	
										L ₂	2.89391230E-03					380	0.997	0.994	
										K ₃	7.65480668E-01					370	0.994	0.987	
										L ₃	1.34125223E+02					360	0.988	0.977	
折射率温度系数常数 Constants of dn/dt			Grade				Grade			350	0.977	0.954							
										D ₀	-2.47E-05					340	0.955	0.913	
										D ₁	-2.21E-09					330	0.913	0.834	
										D ₂	5.20E-12					320	0.843	0.711	
										E ₀	4.58E-07					310	0.722	0.522	
										E ₁	5.69E-10					300	0.607	0.369	
										λ _{TK} (μm)	0.082					290	0.463	0.214	
折射率温度系数 Temperature Coefficients of Refractive Index			Grade				Grade			机械性质 Mechanical Properties									
													dn/dt relative(10 ⁻⁶ /°C)			Grade			Grade
温度范围 (°C)										H _k (10 ⁷ Pa)			338						
Range of Temperature										F _A			402						
-60~-40	-8.7	-8.6	-8.5	-8.4	-8.3	-7.9				E (10 ⁷ Pa)			6638						
-40~-20	-9.0	-8.9	-8.8	-8.7	-8.5	-8.3				G (10 ⁷ Pa)			2541						
-20~0	-9.3	-9.0	-8.9	-8.8	-8.8	-8.7				μ			0.306						
0~20	-9.7	-9.4	-9.3	-9.2	-9.0	-8.9				B (10 ⁻¹² /Pa)			0.18						
20~40	-10.0	-9.7	-9.5	-9.5	-9.3	-9.1				其他性质 Other Properties			ρ (g/cm ³)			4.36			
40~60	-10.0	-9.8	-9.6	-9.5	-9.5	-9.2													
60~80	-10.1	-9.9	-9.8	-9.7	-9.5	-9.3				备注 Remarks			**:退火速率 anneal rate 25°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													