

D-ZPK5-25			592683				n _d = 1.592160		v _d = 68.28		n _F - n _C = 0.008672	
							n _e = 1.594229		v _e = 67.90		n _{F'} - n _{C'} = 0.008751	
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}	0.2643	P' _{s,t}	0.2619	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.570135	P _{C,s}	0.5268	P' _{C',s}	0.5696	2400	0.992	0.983			
n _{1970.09}	1970.09	1.573760	P _{d,C}	0.3030	P' _{d,C'}	0.2527	2200	0.995	0.991			
n _{1529.58}	1529.58	1.577723	P _{e,d}	0.2386	P' _{e,d}	0.2364	2000	0.997	0.995			
n _{1060.0}	1060.0	1.582137	P _{g,F}	0.5449	P' _{g,F'}	0.4833	1800	0.998	0.997			
n _t	1013.98	1.582672	P _{i,h}	0.7664	P' _{i,h}	0.7595	1600	0.999	0.998			
n _s	852.11	1.584964	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.588046					ΔP _{C,t}	-0.0770	ΔP _{C,s}	-0.0364	1200	0.999
n _C	656.27	1.589532	ΔP _{F,e}	0.0059	ΔP _{g,F}	0.0154	1060	0.999	0.998			
n _{C'}	643.85	1.589949	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.590339					λ ₈₀ /λ ₅	350/-			950	0.999
n _D	589.29	1.592083	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.592160	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.594229					T _g (°C)	565			800	0.998
n _F	486.13	1.598204	T _s (°C)	585			700	0.998	0.997			
n _{F'}	479.99	1.598700	T ₁₀ ^{14.5} (°C)	520			650	0.998	0.997			
n _g	435.83	1.602929	T ₁₀ ¹³ (°C)	543			600	0.998	0.997			
n _h	404.66	1.606843	T ₁₀ ^{7.6} (°C)	630			550	0.998	0.997			
n _i	365.01	1.613489	α _{30/70°C} (10 ⁻⁷ /K)	123			500	0.998	0.996			
n _{313.18}	313.18	1.626896	α _{100/300°C} (10 ⁻⁷ /K)	143			480	0.997	0.995			
n _{302.15}	302.15	1.630841	λ[W/(m·K)]				460	0.997	0.994			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.996	0.993			
							K ₁	3.53073711E-01		Grade	420	0.996
L ₁	1.78712877E-02		D _w	1		400	0.995	0.991				
K ₂	1.14580426E+00		D _A	2		390	0.994	0.989				
L ₂	5.63723799E-03		CR	1		380	0.991	0.982				
K ₃	7.95754681E-01		RC(S)	1		370	0.983	0.966				
L ₃	1.25202885E+02		RA(S)	1		360	0.964	0.930				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.932	0.868			
							D ₀	-2.01E-05		H _k (10 ⁷ Pa)	372	
D ₁	4.05E-09						330	0.780	0.609			
D ₂	-1.52E-11						320	0.656	0.430			
E ₀	4.00E-07						310	0.504	0.254			
E ₁	1.43E-10						300	0.387	0.150			
λ _{TK} (μm)	0.192						290	0.285	0.081			
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		4.29			
							温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)			
Range of Temperature		t	C'	d	e	F'	g	**: 退火速率 anneal rate 25°C/h				
-60~-40		-7.0	-6.9	-6.8	-6.6	-6.5	-6.2					
-40~-20		-7.4	-7.2	-7.0	-7.0	-6.7	-6.6					
-20~0		-7.8	-7.5	-7.5	-7.4	-7.2	-6.9					
0~20		-7.8	-7.6	-7.6	-7.4	-7.3	-7.0					
20~40		-8.0	-7.7	-7.7	-7.5	-7.3	-7.2					
40~60		-8.0	-7.8	-7.7	-7.6	-7.3	-7.2					
60~80		-8.1	-7.9	-7.7	-7.7	-7.4	-7.2					
80~100		-8.2	-7.9	-7.8	-7.8	-7.5	-7.3					
100~120		-8.3	-8.1	-8.0	-7.9	-7.7	-7.4					
120~140		-8.5	-8.3	-8.1	-8.1	-7.8	-7.6					