

D-ZK2A-25			582595				n _d = 1.582290		v _d = 59.45		n _F - n _C = 0.009794	
							n _e = 1.584626		v _e = 59.21		n _{F'} - n _{C'} = 0.009874	
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}	0.2883	P' _{s,t}	0.2860	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.552600	P _{C,s}	0.5436	P' _{C',s}	0.5875	2400	0.887	0.787			
n _{1970.09}	1970.09	1.558324	P _{d,C}	0.3050	P' _{d,C'}	0.2542	2200	0.937	0.878			
n _{1529.58}	1529.58	1.564355	P _{e,d}	0.2385	P' _{e,d}	0.2366	2000	0.982	0.964			
n _{1060.0}	1060.0	1.570469	P _{g,F}	0.5421	P' _{g,F'}	0.4813	1800	0.990	0.981			
n _t	1013.98	1.571155	P _{i,h}	0.7654	P' _{i,h}	0.7592	1600	0.996	0.992			
n _s	852.11	1.573979	异常色散 Abnormal Dispersions				1400	0.993	0.986			
n _r	706.52	1.577597					ΔP _{C,t}	0.0055	ΔP _{C,s}	0.0013	1200	0.999
n _C	656.27	1.579303	ΔP _{F,e}	-0.0007	ΔP _{g,F}	-0.0024	1060	0.999	0.998			
n _{C'}	643.85	1.579780	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.580224					λ ₈₀ /λ ₅	335/280			950	0.999
n _D	589.29	1.582203	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.582290	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.584626					T _g (°C)	525			800	0.999
n _F	486.13	1.589097	T _s (°C)	563			700	0.999	0.998			
n _{F'}	479.99	1.589654	T ₁₀ ^{14.5} (°C)	469			650	0.999	0.998			
n _g	435.83	1.594406	T ₁₀ ¹³ (°C)	502			600	0.999	0.998			
n _h	404.66	1.598808	T ₁₀ ^{7.6} (°C)	642			550	0.999	0.998			
n _i	365.01	1.606304	α _{30/70°C} (10 ⁻⁷ /K)	66			500	0.999	0.997			
n _{313.18}	313.18	1.621525	α _{100/300°C} (10 ⁻⁷ /K)	87			480	0.998	0.996			
n _{302.15}	302.15	1.626030	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	7.27489738E-01		Grade				400	0.997	0.994			
L ₁	1.59824715E-02						390	0.996	0.993			
K ₂	7.37820290E-01		D _w				380	0.996	0.992			
L ₂	3.01481108E-03						1				370	0.993
K ₃	1.06057574E+00		D _A								360	0.990
L ₃	1.05478633E+02						3				350	0.979
折射率温度系数常数 Constants of dn/dt			CR								340	0.961
							330	0.928	0.862			
D ₀	2.38E-06		RC(S)				320	0.870	0.757			
D ₁	1.44E-08						1				310	0.769
D ₂	-7.06E-12		RA(S)								300	0.620
E ₀	4.67E-07										290	0.436
E ₁	3.33E-10										280	0.261
λ _{TK} (μm)	0.196						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		2.7	3.0	3.2	3.4	3.7	3.9	G (10 ⁷ Pa)		3559		
-40~-20		2.7	3.1	3.3	3.4	3.8	3.9	μ		0.251		
-20~0		2.8	3.1	3.3	3.4	3.9	4.0	B (10 ⁻¹² /Pa)		2.33		
0~20		2.8	3.1	3.3	3.4	3.9	4.1	其他性质 Other Properties				
20~40		2.9	3.2	3.4	3.5	3.9	4.2					
40~60		2.9	3.3	3.5	3.6	4.0	4.3	ρ (g/cm ³)		3.09		
60~80		3.0	3.4	3.7	3.8	4.1	4.5	备注 Remarks				
80~100		3.2	3.6	3.9	4.0	4.3	4.7					
100~120		3.4	3.8	4.0	4.2	4.5	5.0	**：退火速率 anneal rate 25°C/h				
120~140		3.5	3.9	4.1	4.3	4.7	5.1					