

ZF3			717295			n _d = 1.71736		v _d = 29.50		n _F - n _C = 0.024317	
						n _e = 1.72311		v _e = 29.27		n _{F'} - n _{C'} = 0.024703	
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}	0.2126	P' _{s,t}	0.2093	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42		P _{C,s}	0.4688	P' _{C',s}	0.5060	2400	0.930	0.865		
n _{1970.09}	1970.09		P _{d,C}	0.2894	P' _{d,C'}	0.2405	2200	0.955	0.912		
n _{1529.58}	1529.58		P _{e,d}	0.2364	P' _{e,d}	0.2327	2000	0.978	0.956		
n _{1060.0}	1060.0		P _{g,F}	0.5967	P' _{g,F'}	0.5275	1800	0.985	0.970		
n _t	1013.98	1.69375	P _{i,h}		P' _{i,h}		1600	0.990	0.980		
n _s	852.11	1.69892	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.70649	ΔP _{C,t}	-0.0038	ΔP _{C,s}	-0.0027	1200	0.999	0.998		
n _C	656.27	1.71032	ΔP _{F,e}	0.0009	ΔP _{g,F}	0.0012	1060	0.998	0.997		
n _{C'}	643.85	1.71142	着色度 Color Code				1000	0.998	0.997		
n _{He-Ne}	632.8	1.71245	λ ₈₀ /λ ₅		390/340		950	0.998	0.997		
n _D	589.29	1.71715	λ ₇₀ /λ ₅				900	0.998	0.997		
n _d	587.56	1.71736	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.72311	T _g (°C)		435		800	0.999	0.998		
n _F	486.13	1.73464	T _s (°C)		475		700	0.999	0.999		
n _{F'}	479.99	1.73612	T ₁₀ ^{14.5} (°C)		418		650	0.998	0.997		
n _g	435.83	1.74915	T ₁₀ ¹³ (°C)		440		600	0.998	0.997		
n _h	404.66	1.76195	T ₁₀ ^{7.6} (°C)		574		550	0.998	0.997		
n _i	365.01	1.78568	α _{30/70} (10 ⁻⁷ /K)		83		500	0.998	0.997		
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)		95		480	0.996	0.993		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.994	0.988		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.984		
A ₀	2.8475852E+00		Grade				420	0.985	0.970		
A ₁	-1.0508828E-02		D _w				400	0.969	0.939		
A ₂	3.0945093E-02		D _A				390	0.950	0.900		
A ₃	2.1369640E-03		CR				380	0.920	0.840		
A ₄	-1.3104012E-04		RC(S)				370	0.860	0.740		
A ₅	1.4242887E-05		RA(S)				360	0.720	0.520		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.420	0.180		
D ₀	3.61E-06		Grade				340	0.070	0.010		
D ₁	2.44E-08		D _w				330				
D ₂	-3.11E-10		D _A				320				
E ₀	1.38E-06		CR				310				
E ₁	1.20E-09		RC(S)				300				
λ _{TK} (μm)	0.261		RA(S)				290				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				280				
温度范围 (°C)			dn/dt relative(10⁻⁶/°C)				H_k (10⁷Pa)		390		
Range of Temperature			t	C'	d	e	F'	g	F_A		107
-60~-40									E (10⁷Pa)		5460
-40~-20			3.0	3.5	3.7	4.9	6.3	7.1	G (10⁷Pa)		2210
-20~0			3.5	4.4	5.3	6.1	7.7	9.4	μ		0.235
0~20			4.1	5.3	6.1	7.4	8.3	10.2	B (10⁻¹²/Pa)		1.73
20~40			4.6	6.1	7.0	7.5	8.8	10.9			
40~60			4.1	6.1	6.3	6.2	8.9	10.5			
60~80			4.2	6.3	6.4	7.0	9.5	10.7			
80~100											
100~120											
120~140											
			备注 Remarks								