

ZF10		689312		$n_d = 1.68893$	$v_d = 31.18$	$n_F - n_C = 0.022098$			
				$n_e = 1.69416$	$v_e = 30.95$	$n_{F'} - n_{C'} = 0.022432$			
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T		
	λ (nm)		$P_{s,t}$	0.2163	$P'_{s,t}$	0.2131	λ (nm)	τ (5mm)	τ (10mm)
$n_{2325.42}$	2325.42		$P_{C,s}$	0.4743	$P'_{C',s}$	0.5122	2400	0.954	0.911
$n_{1970.09}$	1970.09		$P_{d,C}$	0.2909	$P'_{d,C'}$	0.2418	2200	0.963	0.928
$n_{1529.58}$	1529.58		$P_{e,d}$	0.2365	$P'_{e,d}$	0.2330	2000	0.983	0.966
$n_{1060.0}$	1060.0		$P_{g,F}$	0.5924	$P'_{g,F'}$	0.5238	1800	0.990	0.980
n_t	1013.98	1.66724	$P_{i,h}$		$P'_{i,h}$		1600	0.997	0.994
n_s	852.11	1.67202	异常色散 Abnormal Dispersions				1400	0.998	0.997
n_r	706.52	1.67899					$\Delta P_{C,t}$	-0.0026	$\Delta P_{C,s}$
n_C	656.27	1.68250	$\Delta P_{F,e}$	0.0000	$\Delta P_{g,F}$	-0.0002	1060	0.999	0.998
$n_{C'}$	643.85	1.68351	着色度 Color Code				1000	0.998	0.997
n_{He-Ne}	632.8	1.68445					λ_{80}/λ_5	390/340	
n_D	589.29	1.68874	λ_{70}/λ_5			900	0.998	0.997	
n_d	587.56	1.68893	热性质 Thermal Properties				850	0.998	0.996
n_e	546.07	1.69416					T_g (°C)	430	
n_F	486.13	1.70460	T_s (°C)	495		700	0.997	0.994	
$n_{F'}$	479.99	1.70594	$T_{10}^{14.5}$ (°C)	383		650	0.996	0.993	
n_g	435.83	1.71769	T_{10}^{13} (°C)	422		600	0.996	0.993	
n_h	404.66	1.72917	$T_{10}^{7.6}$ (°C)	594		550	0.996	0.993	
n_i	365.01	1.75034	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	76		500	0.994	0.989	
$n_{313.18}$	313.18		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	92		480	0.993	0.987	
$n_{302.15}$	302.15		$\lambda[W/(m \cdot K)]$			460	0.991	0.983	
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.989	0.978
							A_0	2.7592905E+00	
A_1	-9.2045583E-03		D_W	1		400	0.974	0.948	
A_2	2.9316434E-02		D_A	2		390	0.961	0.923	
A_3	1.4874080E-03		CR			380	0.940	0.883	
A_4	-7.0522349E-05		RC(S)	1		370	0.900	0.810	
A_5	9.9538848E-06		RA(S)	3		360	0.810	0.650	
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.610	0.370
							D_0	4.02E-06	
D_1	3.02E-08		E	5562		340	0.240	0.060	
D_2	-2.40E-10		F_A	87		330			
E_0	1.33E-06		E (10 ⁷ Pa)	5562		320			
E_1	-1.33E-10		G (10 ⁷ Pa)	2216		310			
$\lambda_{TK}(\mu m)$	0.247		μ	0.230		300			
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				B (10 ⁻¹² /Pa)		
							ρ (g/cm ³)	4.21	
温度范围 (°C)	dn/dt relative(10⁻⁶/°C)		备注 Remarks						
Range of Temperature	t	C'							
-60~-40									
-40~-20	0.1	1.4	1.9	2.2	3.4	5.2			
-20~0	1.3	3.0	3.4	3.9	5.6	7.0			
0~20	2.8	4.2	4.6	5.2	6.2	7.8			
20~40	3.1	4.5	5.0	5.6	6.6	8.1			
40~60	3.4	4.7	5.3	5.9	7.2	8.6			
60~80	3.7	5.2	5.7	6.2	7.7	9.6			
80~100									
100~120									
120~140									