

ZF52		847238		$n_d = 1.84666$	$v_d = 23.83$	$n_F - n_C = 0.035534$			
				$n_e = 1.85504$	$v_e = 23.64$	$n_{F'} - n_{C'} = 0.036165$			
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T		
	λ (nm)		$P_{s,t}$	0.1981	$P'_{s,t}$	0.1947	λ (nm)	τ (5mm)	τ (10mm)
$n_{2325.42}$	2325.42		$P_{C,s}$	0.4551	$P'_{C',s}$	0.4905	2400	0.961	0.924
$n_{1970.09}$	1970.09		$P_{d,C}$	0.2857	$P'_{d,C'}$	0.2372	2200	0.977	0.954
$n_{1529.58}$	1529.58		$P_{e,d}$	0.2358	$P'_{e,d}$	0.2317	2000	0.988	0.977
$n_{1060.0}$	1060.0		$P_{g,F}$	0.6191	$P'_{g,F'}$	0.5475	1800	0.995	0.990
n_t	1013.98	1.81330	$P_{i,h}$		$P'_{i,h}$		1600	0.999	0.998
n_s	852.11	1.82034	异常色散 Abnormal Dispersions				1400	0.999	0.998
n_r	706.52	1.83102	$\Delta P_{C,t}$	-0.0053	$\Delta P_{C,s}$	-0.0030	1200	0.999	0.998
n_C	656.27	1.83651	$\Delta P_{F,e}$	0.0020	$\Delta P_{g,F}$	0.0140	1060	0.999	0.998
$n_{C'}$	643.85	1.83808	着色度 Color Code				1000	0.999	0.998
n_{He-Ne}	632.8	1.83957	λ_{80}/λ_5				950	0.999	0.998
n_D	589.29	1.84636	λ_{70}/λ_5	405/365			900	0.999	0.998
n_d	587.56	1.84666	热性质 Thermal Properties				850	0.999	0.998
n_e	546.07	1.85504	T_g (°C)	409			800	0.998	0.996
n_F	486.13	1.87205	T_s (°C)	447			700	0.998	0.997
$n_{F'}$	479.99	1.87425	$T_{10}^{14.5}$ (°C)	377			650	0.998	0.997
n_g	435.83	1.89405	T_{10}^{13} (°C)	408			600	0.998	0.997
n_h	404.66	1.91394	$T_{10}^{7.6}$ (°C)	525			550	0.998	0.997
n_i	365.01	1.95210	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	86			500	0.996	0.993
$n_{313.18}$	313.18		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	99			480	0.995	0.990
$n_{302.15}$	302.15		$\lambda[W/(m \cdot K)]$				460	0.991	0.983
色散公式常数 Constants of Dispersion Formula							440	0.984	0.969
A_0	3.2426450E+00						420	0.964	0.930
A_1	-7.7954583E-03						400	0.903	0.820
A_2	5.3380862E-02						390	0.830	0.690
A_3	1.5115415E-03						380	0.678	0.460
A_4	7.2219474E-05						370	0.400	0.160
A_5	1.6602659E-05						360	0.100	0.010
折射率温度系数常数 Constants of dn/dt			化学性质 Chemical Properties				350		
D_0	5.94E-06		Grade				340		
D_1	2.59E-08		D_W	1			330		
D_2	-2.29E-10		D_A	6			320		
E_0	1.88E-06		CR	1			310		
E_1	1.39E-09		RC(S)	1			300		
$\lambda_{TK}(\mu m)$	0.284		RA(S)	3			290		
折射率温度系数 Temperature Coefficients of Refractive Index							280		
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)							
Range of Temperature		t	C'	d	e	F'	g	机械性质 Mechanical Properties	
-60~-40								H_k (10 ⁷ Pa)	323
-40~-20		5.4	7.0	8.8	9.2	11.4	13.9	F_A	192
-20~0		5.8	7.5	8.8	10.1	12.2	16.0	E (10 ⁷ Pa)	5282
0~20		5.8	9.0	10.0	10.8	13.5	17.8	G (10 ⁷ Pa)	2107
20~40		6.7	9.4	10.2	11.3	15.0	18.0	μ	0.253
40~60		7.0	9.4	10.3	11.6	15.2	17.7	B (10 ⁻¹² /Pa)	0.09
60~80		7.7	9.5	10.6	12.1	15.3	18.9	其他性质 Other Properties	
80~100								ρ (g/cm ³)	5.49
100~120								备注 Remarks	
120~140									