

ZBaF17			668419		$n_d = 1.66755$	$v_d = 41.93$	$n_F - n_C = 0.015921$		
					$n_e = 1.67133$	$v_e = 41.64$	$n_{F'} - n_{C'} = 0.016123$		
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T		
	λ (nm)		$P_{s,t}$	0.2368	$P'_{s,t}$	0.2338	λ (nm)	τ (5mm)	τ (10mm)
$n_{2325.42}$	2325.42		$P_{C,s}$	0.4968	$P'_{C',s}$	0.5365	2400	0.922	0.850
$n_{1970.09}$	1970.09		$P_{d,C}$	0.2958	$P'_{d,C'}$	0.2462	2200	0.954	0.911
$n_{1529.58}$	1529.58		$P_{e,d}$	0.2374	$P'_{e,d}$	0.2344	2000	0.983	0.967
$n_{1060.0}$	1060.0		$P_{g,F}$	0.5728	$P'_{g,F'}$	0.5074	1800	0.990	0.981
n_t	1013.98	1.65116	$P_{i,h}$		$P'_{i,h}$		1600	0.996	0.993
n_s	852.11	1.65493	异常色散 Abnormal Dispersions				1400	0.995	0.990
n_r	706.52	1.66023	$\Delta P_{C,t}$	-0.0102	$\Delta P_{C,s}$	-0.0040	1200	0.999	0.998
n_C	656.27	1.66284	$\Delta P_{F,e}$	0.0001	$\Delta P_{g,F}$	-0.0014	1060	0.999	0.998
$n_{C'}$	643.85	1.66358					1000	0.999	0.998
n_{He-Ne}	632.8	1.66428					950	0.998	0.997
n_D	589.29	1.66741					900	0.996	0.993
n_d	587.56	1.66755	着色度 Color Code				850	0.994	0.988
n_e	546.07	1.67133	λ_{80}/λ_5		400/350		800	0.996	0.992
n_F	486.13	1.67876	λ_{70}/λ_5				700	0.995	0.990
$n_{F'}$	479.99	1.67970					650	0.995	0.990
n_g	435.83	1.68788					600	0.995	0.990
n_h	404.66	1.69574					550	0.996	0.992
n_i	365.01	1.70978					500	0.994	0.989
$n_{313.18}$	313.18		热性质 Thermal Properties				480	0.993	0.987
$n_{302.15}$	302.15		T_g (°C)	584			460	0.991	0.983
			T_s (°C)	633			440	0.989	0.978
			$T_{10}^{14.5}$ (°C)	540			420	0.982	0.965
			T_{10}^{13} (°C)	582			400	0.960	0.922
			$T_{10}^{7.6}$ (°C)				390	0.931	0.866
色散公式常数 Constants of Dispersion Formula			$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	78			380	0.872	0.760
A_0	2.7114815E+00		$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	91			370	0.750	0.570
A_1	-8.3031047E-03		$\lambda[W/(m \cdot K)]$				360	0.510	0.260
A_2	2.3733195E-02						350	0.200	0.040
A_3	2.8197729E-04						340		
A_4	3.9409899E-05		化学性质 Chemical Properties				330		
A_5	7.1756265E-07						320		
			Grade				310		
折射率温度系数常数 Constants of dn/dt			D_W	2			300		
D_0	3.29E-08		D_A	3			290		
D_1	1.54E-08		CR	1			280		
D_2	-1.58E-11		RC(S)	1					
E_0	7.94E-07		RA(S)	3					
E_1	1.05E-09								
$\lambda_{TK}(\mu m)$	0.240								
							机械性质 Mechanical Properties		
折射率温度系数 Temperature Coefficients of Refractive Index							H_K (10 ⁷ Pa)	510	
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)							
Range of Temperature		t	C'	d	e	F'	g	F_A	175
-60~-40								E (10 ⁷ Pa)	8043
-40~-20		1.4	2.1	2.8	3.2	3.5	4.4	G (10 ⁷ Pa)	3198
-20~0		1.9	2.4	2.6	3.0	3.5	4.3	μ	0.257
0~20		2.0	2.6	3.0	3.5	4.1	4.8	B (10 ⁻¹² /Pa)	1.88
20~40		2.0	3.0	3.2	3.4	4.2	4.9	其他性质 Other Properties	
40~60		2.2	3.2	3.3	3.5	4.4	5.6	ρ (g/cm ³)	3.80
60~80		2.3	3.3	3.7	4.1	4.9	5.7		
80~100								备注 Remarks	
100~120									
120~140									