ZF13	785258	n_d = 1.78472	υ_d = 25.76	$n_F - n_C$ = 0.030468
		n_e = 1.79190	υ_e = 25.55	$n_{F'} - n_{C'}$ = 0.030998

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	
$n_{1970.09}$	1970.09	
$n_{1529.58}$	1529.58	
$n_{1060.0}$	1060.0	
n_t	1013.98	1.75585
n_s	852.11	1.76206
n_r	706.52	1.77125
n_C	656.27	1.77598
$n_{C'}$	643.85	1.77734
n_{He-Ne}	632.8	1.77862
n_D	589.29	1.78446
n_d	587.56	1.78472
n_e	546.07	1.79190
n_F	486.13	1.80645
$n_{F'}$	479.99	1.80834
n_g	435.83	1.82503
n_h	404.66	1.84170
n_i	365.01	
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	3.0616124E+00
A_1	-1.4589514E-02
A_2	3.2814659E-02
A_3	5.2398995E-03
A_4	-5.6050549E-04
A_5	4.6423413E-05

折射率温度系数常数 Constants of dn/dt

D_0	3.70E-06
D_1	2.35E-08
D_2	-1.53E-10
E_0	1.59E-06
E_1	6.42E-10
λ_{TK}(μm)	0.278

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2038	$P'_{s,t}$	0.2003
$P_{C,s}$	0.4569	$P'_{C',s}$	0.4929
$P_{d,C}$	0.2867	$P'_{d,C'}$	0.2380
$P_{e,d}$	0.2357	$P'_{e,d}$	0.2317
$P_{g,F}$	0.6098	$P'_{g,F'}$	0.5384
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0069	$\Delta P_{C,s}$	-0.0057
$\Delta P_{F,e}$	0.0022	$\Delta P_{g,F}$	0.0080

着色度 Color Code

λ_{80}/λ_5	430/370
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	433
T_s (℃)	478
$T_{10}^{14.5}$ (℃)	385
T_{10}^{13} (℃)	420
$T_{10}^{7.6}$(℃)	553
$\alpha_{-30/70℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	96
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	3
CR	1
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.962	0.926
2200	0.974	0.949
2000	0.987	0.974
1800	0.992	0.984
1600	0.997	0.995
1400	0.998	0.996
1200	0.999	0.998
1060	0.999	0.998
1000	0.999	0.998
950	0.999	0.998
900	0.999	0.998
850	0.999	0.998
800	0.999	0.998
700	0.999	0.998
650	0.998	0.996
600	0.998	0.996
550	0.998	0.997
500	0.994	0.988
480	0.989	0.979
460	0.984	0.968
440	0.973	0.947
420	0.951	0.904
400	0.868	0.754
390	0.753	0.567
380	0.506	0.256
370	0.158	0.025
360		
350		
340		
330		
320		
310		
300		
290		
280		

折射率温度系数 Temperature Coefficients of Refractive Index

温度范围（℃） Range of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-60～-40						
-40～-20	3.5	5.4	6.6	7.3	8.6	10.5
-20～0	4.0	5.9	6.6	7.4	9.6	12.4
0～20	4.7	6.3	7.3	8.1	10.6	12.9
20～40	5.1	6.9	7.4	8.6	10.9	13.4
40～60	5.1	7.3	8.0	8.7	10.9	13.5
60～80	5.0	7.5	8.0	8.8	11.1	13.7
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	390
F_A	152
E (10^7Pa)	5733
G (10^7Pa)	2301
μ	0.246
B (10^{-12}/Pa)	1.11

其他性质 Other Properties

ρ (g/cm^3)	4.87

备注 Remarks

CDGM