H-ZF12	762266	n_d = 1.761820	υ_d = 26.61	$n_F - n_C$ = 0.028631
		n_e = 1.768566	υ_e = 26.39	$n_{F'} - n_{C'}$ = 0.029121

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.708734
$n_{1970.09}$	1970.09	1.715313
$n_{1529.58}$	1529.58	1.722966
$n_{1060.0}$	1060.0	1.732864
n_t	1013.98	1.734208
n_s	852.11	1.740280
n_r	706.52	1.749115
n_C	656.27	1.753593
$n_{C'}$	643.85	1.754873
n_{He-Ne}	632.8	1.756079
n_D	589.29	1.761573
n_d	587.56	1.761820
n_e	546.07	1.768566
n_F	486.13	1.782224
$n_{F'}$	479.99	1.783994
n_g	435.83	1.799781
n_h	404.66	1.815616
n_i	365.01	
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	3.23730379E-01
L_1	5.98308169E-02
K_2	1.65668629E+00
L_2	1.20542686E-02
K_3	2.12141520E+00
L_3	1.74187920E+02

折射率温度系数常数 Constants of dn/dt

D_0	-3.47E-06
D_1	1.41E-08
D_2	-2.09E-11
E_0	8.94E-07
E_1	1.27E-09
λ_{TK}(μm)	0.300

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2121	$P'_{s,t}$	0.2085
$P_{C,s}$	0.4650	$P'_{C',s}$	0.5011
$P_{d,C}$	0.2873	$P'_{d,C'}$	0.2386
$P_{e,d}$	0.2356	$P'_{e,d}$	0.2317
$P_{g,F}$	0.6132	$P'_{g,F'}$	0.5421
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0055	$\Delta P_{C,s}$	0.0004
$\Delta P_{F,e}$	0.0020	$\Delta P_{g,F}$	0.0128

着色度 Color Code

λ_{80}/λ_5	415/365
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	617
T_s (℃)	661
$T_{10}^{14.5}$ (℃)	574
T_{10}^{13} (℃)	608
$T_{10}^{7.6}$(℃)	719
$\alpha_{-30/70℃}$(10^{-7}/K)	84
$\alpha_{100/300℃}$(10^{-7}/K)	101
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	1
CR	1
RC(S)	2
RA(S)	1

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.951	0.904
2200	0.967	0.935
2000	0.985	0.970
1800	0.991	0.982
1600	0.999	0.998
1400	0.999	0.998
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	0.998	0.997
800	0.998	0.997
700	0.997	0.995
650	0.996	0.993
600	0.996	0.993
550	0.995	0.991
500	0.992	0.984
480	0.990	0.980
460	0.986	0.973
440	0.981	0.962
420	0.964	0.930
400	0.907	0.823
390	0.820	0.680
380	0.620	0.390
370	0.260	0.070
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	-0.6	0.7	1.1	1.4	2.5	3.6
-40～-20	-0.5	0.9	1.2	1.5	2.8	4.1
-20～0	-0.2	1.1	1.4	1.8	3.0	4.4
0～20	0.3	1.3	1.6	2.1	3.4	4.8
20～40	0.3	1.4	1.8	2.3	3.6	5.3
40～60	0.5	1.5	2.0	2.5	3.9	5.7
60～80	0.5	1.6	2.1	2.8	4.2	6.2
80～100	0.6	1.8	2.4	3.1	4.7	6.8
100～120	0.8	2.2	2.8	3.4	5.2	7.1
120～140	1.0	2.3	2.9	3.8	5.5	7.4

机械性质 Mechanical Properties

H_K (10^7Pa)	538
F_A	155
E (10^7Pa)	9006
G (10^7Pa)	3611
μ	0.247
B (10^{-12}/Pa)	2.75

其他性质 Other Properties

ρ (g/cm^3)	3.17

备注 Remarks

CDGM