H-ZLaF66	801350	n_d = 1.801000	υ_d = 34.97	$n_F - n_C$ = 0.022907
		n_e = 1.806423	υ_e = 34.71	$n_{F'} - n_{C'}$ = 0.023233

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.753716
$n_{1970.09}$	1970.09	1.760302
$n_{1529.58}$	1529.58	1.767720
$n_{1060.0}$	1060.0	1.776755
n_t	1013.98	1.777934
n_s	852.11	1.783169
n_r	706.52	1.790591
n_C	656.27	1.794291
$n_{C'}$	643.85	1.795342
n_{He-Ne}	632.8	1.796330
n_D	589.29	1.800800
n_d	587.56	1.801000
n_e	546.07	1.806423
n_F	486.13	1.817198
$n_{F'}$	479.99	1.818575
n_g	435.83	1.830661
n_h	404.66	1.842432
n_i	365.01	1.863997
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.33018785E-01
L_1	5.37435377E-02
K_2	1.90660392E+00
L_2	1.14336559E-02
K_3	1.37147086E+00
L_3	1.10630887E+02

折射率温度系数常数 Constants of dn/dt

D_0	-1.89E-06
D_1	1.64E-08
D_2	-1.41E-10
E_0	8.70E-07
E_1	1.01E-09
λ_{TK}(μm)	0.245

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2285	$P'_{s,t}$	0.2253
$P_{C,s}$	0.4855	$P'_{C',s}$	0.5240
$P_{d,C}$	0.2929	$P'_{d,C'}$	0.2435
$P_{e,d}$	0.2367	$P'_{e,d}$	0.2334
$P_{g,F}$	0.5877	$P'_{g,F'}$	0.5202
$P_{i,h}$	0.9414	$P'_{i,h}$	0.9282

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0031	$\Delta P_{C,s}$	0.0011
$\Delta P_{F,e}$	-0.0001	$\Delta P_{g,F}$	0.0016

着色度 Color Code

λ_{80}/λ_5	425/355
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	657
T_s (℃)	705
$T_{10}^{14.5}$ (℃)	612
T_{10}^{13} (℃)	645
$T_{10}^{7.6}$(℃)	764
$\alpha_{-30/70℃}$(10^{-7}/K)	79
$\alpha_{100/300℃}$(10^{-7}/K)	93
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	0.906	0.820
2200	0.964	0.929
2000	0.986	0.973
1800	0.994	0.988
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	0.996
700	0.997	0.995
650	0.997	0.994
600	0.996	0.992
550	0.994	0.988
500	0.988	0.976
480	0.984	0.968
460	0.979	0.959
440	0.972	0.944
420	0.960	0.921
400	0.926	0.857
390	0.892	0.795
380	0.814	0.662
370	0.635	0.403
360	0.381	0.145
350	0.077	0.006
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	-0.3	0.8	1.3	1.5	2.2	3.4
-20～0	0.8	1.3	1.7	2.1	3.3	4.0
0～20	1.0	2.0	2.3	2.6	3.7	4.6
20～40	1.0	2.1	2.4	3.1	3.7	5.1
40～60	1.1	2.1	2.6	3.1	3.8	5.1
60～80	1.2	2.1	3.0	3.1	4.4	5.3
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	596
F_A	204
E (10^7Pa)	10980
G (10^7Pa)	4268
μ	0.286
B (10^{-12}/Pa)	1.69

其他性质 Other Properties

ρ (g/cm^3)	3.89

备注 Remarks

CDGM