H-ZLaF52	806410	n_d = 1.80610	υ_d = 40.95	$n_F - n_C$ = 0.019686
		n_e = 1.81077	υ_e = 40.69	$n_{F'} - n_{C'}$ = 0.019924

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	1.78556
n_s	852.11	1.79035
n_r	706.52	1.79699
n_C	656.27	1.80025
$n_{C'}$	643.85	1.80117
n_{He-Ne}	632.8	1.80204
n_D	589.29	1.80592
n_d	587.56	1.80610
n_e	546.07	1.81077
n_F	486.13	1.81994
$n_{F'}$	479.99	1.82110
n_g	435.83	1.83118
n_h	404.66	1.84077
n_i	365.01	1.85778
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	3.1694345E+00
A_1	-1.2437912E-02
A_2	3.2210112E-02
A_3	1.8145630E-04
A_4	8.9065293E-05
A_5	-1.9193315E-06

折射率温度系数常数 Constants of dn/dt

D_0	7.46E-06
D_1	1.78E-08
D_2	-1.51E-10
E_0	7.13E-07
E_1	6.48E-10
λ_{TK}(μm)	0.252

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2433	$P'_{s,t}$	0.2404
$P_{C,s}$	0.5029	$P'_{C',s}$	0.5431
$P_{d,C}$	0.2970	$P'_{d,C'}$	0.2474
$P_{e,d}$	0.2372	$P'_{e,d}$	0.2344
$P_{g,F}$	0.5710	$P'_{g,F'}$	0.5059
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0070	$\Delta P_{C,s}$	0.0044
$\Delta P_{F,e}$	-0.0014	$\Delta P_{g,F}$	-0.0050

着色度 Color Code

λ_{80}/λ_5	395/340
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	599
T_s (℃)	633
$T_{10}^{14.5}$ (℃)	555
T_{10}^{13} (℃)	583
$T_{10}^{7.6}$(℃)	674
$\alpha_{-30/70℃}$(10^{-7}/K)	58
$\alpha_{100/300℃}$(10^{-7}/K)	72
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	0.849	0.720
2200	0.956	0.913
2000	0.983	0.967
1800	0.994	0.988
1600	0.998	0.996
1400	0.998	0.997
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	0.998	0.996
700	0.996	0.992
650	0.996	0.992
600	0.996	0.993
550	0.997	0.994
500	0.995	0.991
480	0.994	0.988
460	0.991	0.983
440	0.987	0.975
420	0.984	0.968
400	0.973	0.947
390	0.961	0.923
380	0.938	0.880
370	0.892	0.795
360	0.789	0.622
350	0.566	0.320
340	0.219	0.048
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	6.0	6.2	6.6	6.5	7.6	8.4
-20～0	5.8	7.3	7.4	8.0	8.6	9.3
0～20	7.2	6.4	8.0	8.2	9.1	10.3
20～40	6.4	7.7	7.8	8.3	9.6	10.2
40～60	6.7	7.9	8.2	8.7	9.2	10.2
60～80	7.0	7.9	8.4	8.3	9.6	10.5
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	650
F_A	98
E (10^7Pa)	11146
G (10^7Pa)	4263
μ	0.307
B (10^{-12}/Pa)	2.12

其他性质 Other Properties

ρ (g/cm^3)	4.45

备注 Remarks

CDGM