H-ZLaF52A	806410	n_d = 1.806100	υ_d = 41.02	$n_F - n_C$ = 0.019653
		n_e = 1.810768	υ_e = 40.76	$n_{F'} - n_{C'}$ = 0.019890

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.762104
$n_{1970.09}$	1970.09	1.768731
$n_{1529.58}$	1529.58	1.776045
$n_{1060.0}$	1060.0	1.784591
n_t	1013.98	1.785675
n_s	852.11	1.790419
n_r	706.52	1.797016
n_C	656.27	1.800265
$n_{C'}$	643.85	1.801184
n_{He-Ne}	632.8	1.802046
n_D	589.29	1.805927
n_d	587.56	1.806100
n_e	546.07	1.810768
n_F	486.13	1.819918
$n_{F'}$	479.99	1.821074
n_g	435.83	1.831104
n_h	404.66	1.840645
n_i	365.01	1.857488
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.85313688E+00
L_1	9.85534639E-03
K_2	3.17938591E-01
L_2	3.92611678E-02
K_3	1.16396318E+00
L_3	9.31032763E+01

折射率温度系数常数 Constants of dn/dt

D_0	8.88E-06
D_1	1.78E-08
D_2	-3.99E-11
E_0	8.58E-07
E_1	7.59E-10
λ_{TK}(μm)	0.220

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2414	$P'_{s,t}$	0.2385
$P_{C,s}$	0.5010	$P'_{C',s}$	0.5412
$P_{d,C}$	0.2969	$P'_{d,C'}$	0.2472
$P_{e,d}$	0.2375	$P'_{e,d}$	0.2347
$P_{g,F}$	0.5692	$P'_{g,F'}$	0.5043
$P_{i,h}$	0.8570	$P'_{i,h}$	0.8468

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0029	$\Delta P_{C,s}$	0.0023
$\Delta P_{F,e}$	-0.0016	$\Delta P_{g,F}$	-0.0067

着色度 Color Code

λ_{80}/λ_5	400/335
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	573
T_s (℃)	607
$T_{10}^{14.5}$ (℃)	539
T_{10}^{13} (℃)	566
$T_{10}^{7.6}$(℃)	660
$\alpha_{-30/70℃}$(10^{-7}/K)	61
$\alpha_{100/300℃}$(10^{-7}/K)	75
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	3
CR	1
RC(S)	1
RA(S)	4

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	7.0	7.7	8.0	8.6	9.3	10.2
-40～-20	7.0	8.2	8.5	8.8	9.5	10.4
-20～0	7.2	8.3	8.8	9.1	9.9	10.8
0～20	7.4	8.4	8.9	9.1	10.1	11.0
20～40	7.8	8.8	9.3	9.6	10.5	11.5
40～60	8.0	9.0	9.4	9.9	10.9	11.9
60～80	8.1	9.3	9.8	10.2	11.1	12.2
80～100	8.2	9.4	9.8	10.2	11.2	12.3
100～120	8.4	9.5	9.9	10.4	11.5	12.6
120～140	8.6	9.8	10.3	10.7	11.8	13.0

机械性质 Mechanical Properties

H_K (10^7Pa)	596
F_A	93
E (10^7Pa)	10910
G (10^7Pa)	4159
μ	0.312
B (10^{-12}/Pa)	2.38

其他性质 Other Properties

ρ (g/cm^3)	4.48

备注 Remarks

CDGM