H-ZLaF78B	901371	n_d = 1.900690	υ_d = 37.05	$n_F - n_C$ = 0.024310
		n_e = 1.906456	υ_e = 36.80	$n_{F'} - n_{C'}$ = 0.024631

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.850411
$n_{1970.09}$	1970.09	1.857300
$n_{1529.58}$	1529.58	1.865103
$n_{1060.0}$	1060.0	1.874715
n_t	1013.98	1.875979
n_s	852.11	1.881596
n_r	706.52	1.889563
n_C	656.27	1.893526
$n_{C'}$	643.85	1.894650
n_{He-Ne}	632.8	1.895707
n_D	589.29	1.900477
n_d	587.56	1.900690
n_e	546.07	1.906456
n_F	486.13	1.917836
$n_{F'}$	479.99	1.919281
n_g	435.83	1.931887
n_h	404.66	1.944002
n_i	365.01	1.965719
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.99636528E-01
L_1	4.70546260E-02
K_2	2.19452718E+00
L_2	1.15403970E-02
K_3	1.53572385E+00
L_3	1.12608928E+02

折射率温度系数常数 Constants of dn/dt

D_0	-4.39E-07
D_1	1.46E-08
D_2	-2.76E-11
E_0	8.87E-07
E_1	7.53E-10
λ_{TK}(μm)	0.220

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2311	$P'_{s,t}$	0.2280
$P_{C,s}$	0.4907	$P'_{C',s}$	0.5300
$P_{d,C}$	0.2947	$P'_{d,C'}$	0.2452
$P_{e,d}$	0.2372	$P'_{e,d}$	0.2341
$P_{g,F}$	0.5780	$P'_{g,F'}$	0.5118
$P_{i,h}$	0.8933	$P'_{i,h}$	0.8817

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0010	$\Delta P_{C,s}$	0.0014
$\Delta P_{F,e}$	-0.0012	$\Delta P_{g,F}$	-0.0046

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	395/350

热性质 Thermal Properties

T_g (℃)	725
T_s (℃)	762
$T_{10}^{14.5}$ (℃)	679
T_{10}^{13} (℃)	710
$T_{10}^{7.6}$(℃)	
$\alpha_{-30/70℃}$(10^{-7}/K)	68
$\alpha_{100/300℃}$(10^{-7}/K)	86
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.915	0.837
2200	0.975	0.951
2000	0.990	0.980
1800	0.997	0.994
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	0.999	0.998
800	0.999	0.998
700	0.998	0.996
650	0.998	0.996
600	0.997	0.994
550	0.997	0.994
500	0.992	0.984
480	0.987	0.975
460	0.981	0.962
440	0.972	0.945
420	0.958	0.918
400	0.928	0.862
390	0.898	0.806
380	0.849	0.721
370	0.764	0.583
360	0.605	0.366
350	0.327	0.107
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	1.7	2.4	2.7	3.0	4.1	4.9
-40～-20	1.7	2.7	3.1	3.5	4.3	5.3
-20～0	1.8	2.8	3.2	3.7	4.6	5.5
0～20	1.9	2.9	3.5	3.9	4.9	5.7
20～40	2.0	3.3	3.7	4.1	4.9	6.0
40～60	2.4	3.4	3.9	4.3	5.2	6.4
60～80	2.5	3.6	4.2	4.5	5.6	6.9
80～100	2.6	3.8	4.3	4.6	5.8	7.1
100～120	2.7	4.0	4.4	4.8	6.1	7.3
120～140	2.9	4.2	4.6	5.0	6.2	7.5

机械性质 Mechanical Properties

H_K (10^7Pa)	716
F_A	101
E (10^7Pa)	12650
G (10^7Pa)	4853
μ	0.303
B (10^{-12}/Pa)	0.95

其他性质 Other Properties

ρ (g/cm^3)	4.95

备注 Remarks

CDGM