H-ZLaF92A	003283	n_d = 2.003300	υ_d = 28.28	$n_F - n_C$ = 0.035483
		n_e = 2.011679	υ_e = 28.06	$n_{F'} - n_{C'}$ = 0.036054

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.939188
$n_{1970.09}$	1970.09	1.946614
$n_{1529.58}$	1529.58	1.955387
$n_{1060.0}$	1060.0	1.967228
n_t	1013.98	1.968878
n_s	852.11	1.976406
n_r	706.52	1.987443
n_C	656.27	1.993040
$n_{C'}$	643.85	1.994639
n_{He-Ne}	632.8	1.996145
n_D	589.29	2.002992
n_d	587.56	2.003300
n_e	546.07	2.011679
n_F	486.13	2.028523
$n_{F'}$	479.99	2.030693
n_g	435.83	2.049926
n_h	404.66	2.068985
n_i	365.01	2.104853
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	3.58949160E-01
L_1	6.04085851E-02
K_2	2.47548793E+00
L_2	1.44112384E-02
K_3	1.96701528E+00
L_3	1.31053620E+02

折射率温度系数常数 Constants of dn/dt

D_0	-9.70E-07
D_1	1.41E-08
D_2	-3.39E-11
E_0	1.08E-06
E_1	1.17E-09
λ_{TK}(μm)	0.261

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2122	$P'_{s,t}$	0.2088
$P_{C,s}$	0.4688	$P'_{C',s}$	0.5057
$P_{d,C}$	0.2892	$P'_{d,C'}$	0.2402
$P_{e,d}$	0.2361	$P'_{e,d}$	0.2324
$P_{g,F}$	0.6032	$P'_{g,F'}$	0.5334
$P_{i,h}$	1.0109	$P'_{i,h}$	0.9948

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0015	$\Delta P_{C,s}$	0.0002
$\Delta P_{F,e}$	0.0006	$\Delta P_{g,F}$	0.0057

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	435/365

热性质 Thermal Properties

T_g (℃)	730
T_s (℃)	761
$T_{10}^{14.5}$ (℃)	679
T_{10}^{13} (℃)	711
$T_{10}^{7.6}$(℃)	
$\alpha_{-30/70℃}$(10^{-7}/K)	73
$\alpha_{100/300℃}$(10^{-7}/K)	89
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	0.945	0.893
2200	0.983	0.967
2000	0.993	0.986
1800	0.998	0.995
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	0.997	0.994
700	0.996	0.992
650	0.995	0.991
600	0.994	0.989
550	0.991	0.982
500	0.979	0.959
480	0.971	0.943
460	0.960	0.921
440	0.942	0.887
420	0.909	0.826
400	0.837	0.700
390	0.762	0.580
380	0.624	0.389
370	0.374	0.140
360	0.100	0.010
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	1.3	2.5	3.0	3.6	5.0	6.2
-40～-20	1.3	2.9	3.4	4.0	5.5	7.0
-20～0	1.7	3.0	3.7	4.2	5.8	7.4
0～20	2.0	3.3	3.9	4.4	6.0	8.1
20～40	2.0	3.5	4.1	4.9	6.4	8.3
40～60	2.1	3.8	4.3	5.4	7.0	8.7
60～80	2.5	4.1	4.8	5.5	7.3	9.3
80～100	2.6	4.2	5.1	5.6	7.6	9.7
100～120	2.6	4.5	5.3	5.7	7.8	10.0
120～140	2.4	4.6	5.3	6.1	8.0	10.5

机械性质 Mechanical Properties

H_K (10^7Pa)	699
F_A	95
E (10^7Pa)	
G (10^7Pa)	
μ	
B (10^{-12}/Pa)	0.89

其他性质 Other Properties

ρ (g/cm^3)	4.91

备注 Remarks

CDGM