H-ZLaF76	850301	n_d = 1.850130	υ_d = 30.06	$n_F - n_C$ = 0.028285
		n_e = 1.856810	υ_e = 29.83	$n_{F'} - n_{C'}$ = 0.028724

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.792488
$n_{1970.09}$	1970.09	1.800593
$n_{1529.58}$	1529.58	1.809665
$n_{1060.0}$	1060.0	1.820629
n_t	1013.98	1.822056
n_s	852.11	1.828393
n_r	706.52	1.837404
n_C	656.27	1.841914
$n_{C'}$	643.85	1.843198
n_{He-Ne}	632.8	1.844406
n_D	589.29	1.849884
n_d	587.56	1.850130
n_e	546.07	1.856810
n_F	486.13	1.870199
$n_{F'}$	479.99	1.871922
n_g	435.83	1.887172
n_h	404.66	1.902267
n_i	365.01	1.930642
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.79518569E-01
L_1	5.93856526E-02
K_2	2.01429741E+00
L_2	1.26257440E-02
K_3	1.55073360E+00
L_3	1.00032291E+02

折射率温度系数常数 Constants of dn/dt

D_0	-8.76E-07
D_1	1.45E-08
D_2	-5.38E-11
E_0	7.77E-07
E_1	8.10E-10
λ_{TK}(μm)	0.291

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2240	$P'_{s,t}$	0.2206
$P_{C,s}$	0.4780	$P'_{C',s}$	0.5154
$P_{d,C}$	0.2905	$P'_{d,C'}$	0.2413
$P_{e,d}$	0.2362	$P'_{e,d}$	0.2326
$P_{g,F}$	0.6001	$P'_{g,F'}$	0.5309
$P_{i,h}$	1.0032	$P'_{i,h}$	0.9878

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0142	$\Delta P_{C,s}$	0.0052
$\Delta P_{F,e}$	0.0002	$\Delta P_{g,F}$	0.0056

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	415/360

热性质 Thermal Properties

T_g (℃)	607
T_s (℃)	650
$T_{10}^{14.5}$ (℃)	570
T_{10}^{13} (℃)	603
$T_{10}^{7.6}$(℃)	703
$\alpha_{-30/70℃}$(10^{-7}/K)	68
$\alpha_{100/300℃}$(10^{-7}/K)	83
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	0.860	0.740
2200	0.956	0.914
2000	0.985	0.971
1800	0.996	0.992
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	0.998	0.997
700	0.998	0.996
650	0.997	0.994
600	0.996	0.992
550	0.993	0.986
500	0.985	0.971
480	0.980	0.960
460	0.973	0.946
440	0.961	0.923
420	0.938	0.880
400	0.890	0.790
390	0.840	0.700
380	0.730	0.530
370	0.490	0.240
360	0.140	0.020
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						
-40～-20	1.0	2.2	2.4	3.3	3.7	5.3
-20～0	1.4	2.2	2.7	3.3	4.0	5.6
0～20	1.5	2.5	3.2	3.4	4.8	6.1
20～40	1.7	2.9	3.3	3.5	4.9	6.4
40～60	1.8	2.9	3.4	3.6	5.1	6.6
60～80	2.1	3.1	3.7	3.9	5.2	7.2
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	615
F_A	137
E (10^7Pa)	10535
G (10^7Pa)	4192
μ	0.257
B (10^{-12}/Pa)	2.16

其他性质 Other Properties

ρ (g/cm^3)	3.98

备注 Remarks

CDGM