F2	613370	n_d = 1.61293	υ_d = 36.96	$n_F - n_C$ = 0.016582
		n_e = 1.61686	υ_e = 36.70	$n_{F'} - n_{C'}$ = 0.016806

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	1.59614
n_s	852.11	1.59995
n_r	706.52	1.60537
n_C	656.27	1.60805
$n_{C'}$	643.85	1.60882
n_{He-Ne}	632.8	1.60953
n_D	589.29	1.61278
n_d	587.56	1.61293
n_e	546.07	1.61686
n_F	486.13	1.62463
$n_{F'}$	479.99	1.62562
n_g	435.83	1.63427
n_h	404.66	1.64262
n_i	365.01	1.65768
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	2.5326598E+00
A_1	-7.7382535E-03
A_2	2.3173143E-02
A_3	4.0936286E-04
A_4	3.7804683E-05
A_5	1.0346435E-06

折射率温度系数常数 Constants of dn/dt

D_0	-3.84E-06
D_1	1.63E-08
D_2	-7.71E-11
E_0	9.44E-07
E_1	8.73E-10
λ_{TK}(μm)	0.251

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2298	$P'_{s,t}$	0.2267
$P_{C,s}$	0.4885	$P'_{C',s}$	0.5278
$P_{d,C}$	0.2942	$P'_{d,C'}$	0.2448
$P_{e,d}$	0.2370	$P'_{e,d}$	0.2339
$P_{g,F}$	0.5814	$P'_{g,F'}$	0.5147
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0022	$\Delta P_{C,s}$	-0.0006
$\Delta P_{F,e}$	-0.0006	$\Delta P_{g,F}$	-0.0014

着色度 Color Code

λ_{80}/λ_5	350/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	400
T_s (℃)	450
$T_{10}^{14.5}$ (℃)	410
T_{10}^{13} (℃)	435
$T_{10}^{7.6}$(℃)	
$\alpha_{-30/70℃}$(10^{-7}/K)	101
$\alpha_{100/300℃}$(10^{-7}/K)	121
λ[W/(m·K)]	0.645
c_p[J/(g·K)]	0.473

化学性质 Chemical Properties

	Grade
D_W	2
D_A	1
CR	1
RC(S)	3
RA(S)	2

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.915	0.837
2200	0.940	0.884
2000	0.970	0.941
1800	0.982	0.964
1600	0.994	0.988
1400	0.998	0.997
1200	0.999	0.998
1060	0.999	0.999
1000	0.999	0.999
950	0.999	0.999
900	0.999	0.999
850	0.999	0.999
800	0.999	0.999
700	0.999	0.999
650	0.999	0.999
600	0.999	0.999
550	0.999	0.999
500	0.999	0.999
480	0.999	0.999
460	0.999	0.998
440	0.999	0.998
420	0.999	0.998
400	0.997	0.995
390	0.996	0.991
380	0.993	0.985
370	0.989	0.977
360	0.978	0.956
350	0.950	0.900
340	0.870	0.760
330	0.630	0.390
320	0.180	0.030
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	-0.6	0.6	0.8	1.1	1.6	2.5
-20～0	-0.1	0.6	0.8	1.2	2.2	2.8
0～20	-0.1	0.9	1.2	1.6	2.4	3.2
20～40	0.2	1.0	1.2	1.7	2.6	3.7
40～60	0.4	0.8	1.1	1.9	2.6	3.7
60～80	0.4	1.3	1.4	2.5	2.6	3.7
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	440
F_A	94
E (10^7Pa)	5740
G (10^7Pa)	2350
μ	0.221
B (10^{-12}/Pa)	2.53

其他性质 Other Properties

ρ (g/cm^3)	3.50

备注 Remarks

CDGM