F3	617366	n_d = 1.61659	υ_d = 36.61	$n_F - n_C$ = 0.016840
		n_e = 1.62058	υ_e = 36.35	$n_{F'} - n_{C'}$ = 0.017071

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	1.59954
n_s	852.11	1.60341
n_r	706.52	1.60891
n_C	656.27	1.61164
$n_{C'}$	643.85	1.61242
n_{He-Ne}	632.8	1.61315
n_D	589.29	1.61644
n_d	587.56	1.61659
n_e	546.07	1.62058
n_F	486.13	1.62848
$n_{F'}$	479.99	1.62949
n_g	435.83	1.63826
n_h	404.66	1.64673
n_i	365.01	1.66202
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	2.5442823E+00
A_1	-8.3530761E-03
A_2	2.2823181E-02
A_3	6.7021492E-04
A_4	1.0429482E-06
A_5	3.0329738E-06

折射率温度系数常数 Constants of dn/dt

D_0	3.64E-07
D_1	1.78E-08
D_2	-2.72E-11
E_0	9.68E-07
E_1	1.31E-09
λ_{TK}(μm)	0.235

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2298	$P'_{s,t}$	0.2267
$P_{C,s}$	0.4887	$P'_{C',s}$	0.5278
$P_{d,C}$	0.2938	$P'_{d,C'}$	0.2444
$P_{e,d}$	0.2370	$P'_{e,d}$	0.2338
$P_{g,F}$	0.5808	$P'_{g,F'}$	0.5137
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0002	$\Delta P_{C,s}$	0.0004
$\Delta P_{F,e}$	-0.0004	$\Delta P_{g,F}$	-0.0026

着色度 Color Code

λ_{80}/λ_5	350/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	430
T_s (℃)	490
$T_{10}^{14.5}$ (℃)	379
T_{10}^{13} (℃)	418
$T_{10}^{7.6}$(℃)	589
$\alpha_{-30/70℃}$(10^{-7}/K)	85
$\alpha_{100/300℃}$(10^{-7}/K)	100
λ[W/(m·K)]	

化学性质 Chemical Properties

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

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	0.996
1200	0.998	0.996
1060	0.998	0.996
1000	0.998	0.996
950	0.998	0.996
900	0.998	0.996
850	0.998	0.996
800	0.998	0.996
700	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.998	0.996
460	0.998	0.996
440	0.997	0.994
420	0.996	0.992
400	0.994	0.989
390	0.989	0.979
380	0.982	0.965
370	0.977	0.955
360	0.962	0.925
350	0.929	0.863
340	0.850	0.720
330	0.630	0.400
320	0.220	0.050
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	1.3	2.3	2.9	3.2	4.1	4.7
-20～0	1.9	2.8	3.2	3.4	4.2	4.9
0～20	2.1	2.8	3.2	3.4	4.7	5.8
20～40	2.3	3.1	3.4	3.7	4.7	5.8
40～60	2.5	3.3	3.5	4.3	5.1	5.9
60～80	2.6	3.4	3.7	4.5	5.2	6.2
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	430
F_A	89
E (10^7Pa)	5608
G (10^7Pa)	2307
μ	0.215
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	3.57

备注 Remarks

CDGM