TF3	612441	n_d = 1.61242	υ_d = 44.09	$n_F - n_C$ = 0.013890
		n_e = 1.61573	υ_e = 43.85	$n_{F'} - n_{C'}$ = 0.014041

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	1.59728
n_s	852.11	1.60098
n_r	706.52	1.60590
n_C	656.27	1.60825
$n_{C'}$	643.85	1.60891
n_{He-Ne}	632.8	1.60953
n_D	589.29	1.61230
n_d	587.56	1.61242
n_e	546.07	1.61573
n_F	486.13	1.62214
$n_{F'}$	479.99	1.62295
n_g	435.83	1.62997
n_h	404.66	1.63662
n_i	365.01	1.64833
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	2.5414159E+00
A_1	-1.0660779E-02
A_2	2.1716721E-02
A_3	-4.0184848E-04
A_4	1.2247573E-04
A_5	-4.7776413E-06

折射率温度系数常数 Constants of dn/dt

D_0	5.03E-06
D_1	2.69E-08
D_2	-1.67E-10
E_0	5.52E-07
E_1	-6.81E-10
λ_{TK}(μm)	0.246

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2664	$P'_{s,t}$	0.2635
$P_{C,s}$	0.5234	$P'_{C',s}$	0.5648
$P_{d,C}$	0.3002	$P'_{d,C'}$	0.2500
$P_{e,d}$	0.2383	$P'_{e,d}$	0.2357
$P_{g,F}$	0.5634	$P'_{g,F'}$	0.4996
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0358	$\Delta P_{C,s}$	0.0174
$\Delta P_{F,e}$	-0.0041	$\Delta P_{g,F}$	-0.0073

着色度 Color Code

λ_{80}/λ_5	380/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	486
T_s (℃)	522
$T_{10}^{14.5}$ (℃)	446
T_{10}^{13} (℃)	475
$T_{10}^{7.6}$(℃)	580
$\alpha_{-30/70℃}$(10^{-7}/K)	55
$\alpha_{100/300℃}$(10^{-7}/K)	64
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	2
D_A	6
CR	4a
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.610	0.380
2200	0.770	0.600
2000	0.937	0.878
1800	0.975	0.951
1600	0.986	0.973
1400	0.976	0.952
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	0.999	0.998
650	0.998	0.997
600	0.998	0.997
550	0.998	0.997
500	0.998	0.996
480	0.997	0.995
460	0.996	0.993
440	0.994	0.989
420	0.990	0.980
400	0.975	0.951
390	0.958	0.918
380	0.929	0.863
370	0.880	0.770
360	0.790	0.630
350	0.670	0.450
340	0.510	0.260
330	0.320	0.100
320	0.140	0.020
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	2.7	3.4	3.7	3.8	4.1	4.9
-20～0	3.7	4.2	4.6	4.9	5.3	6.0
0～20	4.0	4.4	4.9	5.1	5.5	6.0
20～40	4.4	4.8	5.0	5.2	5.7	6.2
40～60	4.5	5.0	5.1	5.2	5.8	6.5
60～80	4.5	5.1	5.2	5.4	6.1	6.5
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	440
F_A	99
E (10^7Pa)	5780
G (10^7Pa)	2262
μ	0.278
B (10^{-12}/Pa)	3.09

其他性质 Other Properties

ρ (g/cm^3)	3.25

备注 Remarks

CDGM