H-TF3L	613441	n_d = 1.613400	υ_d = 44.11	$n_F - n_C$ = 0.013907
		n_e = 1.616703	υ_e = 43.86	$n_{F'} - n_{C'}$ = 0.014062

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.576164
$n_{1970.09}$	1970.09	1.582844
$n_{1529.58}$	1529.58	1.589976
$n_{1060.0}$	1060.0	1.597489
n_t	1013.98	1.598363
n_s	852.11	1.602039
n_r	706.52	1.606902
n_C	656.27	1.609242
$n_{C'}$	643.85	1.609900
n_{He-Ne}	632.8	1.610516
n_D	589.29	1.613277
n_d	587.56	1.613400
n_e	546.07	1.616703
n_F	486.13	1.623149
$n_{F'}$	479.99	1.623962
n_g	435.83	1.631015
n_h	404.66	1.637732
n_i	365.01	1.649630
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.35609817E+00
L_1	8.23370212E-03
K_2	1.92047799E-01
L_2	4.10079104E-02
K_3	1.32583600E+00
L_3	1.11798686E+02

折射率温度系数常数 Constants of dn/dt

D_0	4.34E-06
D_1	1.58E-08
D_2	-2.17E-11
E_0	6.07E-07
E_1	6.66E-10
λ_{TK}(μm)	0.227

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2643	$P'_{s,t}$	0.2614
$P_{C,s}$	0.5179	$P'_{C',s}$	0.5590
$P_{d,C}$	0.2990	$P'_{d,C'}$	0.2489
$P_{e,d}$	0.2375	$P'_{e,d}$	0.2349
$P_{g,F}$	0.5656	$P'_{g,F'}$	0.5016
$P_{i,h}$	0.8555	$P'_{i,h}$	0.8461

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0282	$\Delta P_{C,s}$	0.0119
$\Delta P_{F,e}$	-0.0020	$\Delta P_{g,F}$	-0.0050

着色度 Color Code

λ_{80}/λ_5	360/330
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	525
T_s (℃)	574
$T_{10}^{14.5}$ (℃)	477
T_{10}^{13} (℃)	514
$T_{10}^{7.6}$(℃)	663
$\alpha_{-30/70℃}$(10^{-7}/K)	63
$\alpha_{100/300℃}$(10^{-7}/K)	77
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.890	0.790
2200	0.938	0.880
2000	0.986	0.973
1800	0.993	0.987
1600	0.997	0.993
1400	0.990	0.980
1200	0.999	0.998
1060	0.999	0.998
1000	0.999	0.998
950	0.999	0.998
900	0.998	0.997
850	0.998	0.996
800	0.998	0.996
700	0.997	0.994
650	0.996	0.992
600	0.996	0.992
550	0.996	0.992
500	0.995	0.989
480	0.994	0.988
460	0.993	0.986
440	0.992	0.984
420	0.991	0.982
400	0.988	0.977
390	0.985	0.970
380	0.980	0.960
370	0.970	0.941
360	0.947	0.900
350	0.890	0.790
340	0.720	0.510
330	0.330	0.110
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	3.7	4.1	4.4	4.6	5.1	5.6
-40～-20	3.6	4.0	4.3	4.5	5.0	5.5
-20～0	3.8	4.1	4.5	4.8	5.1	5.7
0～20	3.9	4.4	4.7	4.9	5.4	5.9
20～40	3.9	4.6	4.8	4.9	5.5	6.2
40～60	4.1	4.8	5.0	5.0	5.7	6.2
60～80	4.1	4.9	5.0	5.4	5.9	6.5
80～100	4.4	5.1	5.3	5.6	6.2	6.8
100～120	4.6	5.2	5.4	5.7	6.3	7.1
120～140	4.6	5.2	5.4	5.7	6.4	7.2

机械性质 Mechanical Properties

H_K (10^7Pa)	625
F_A	90
E (10^7Pa)	9070
G (10^7Pa)	3690
μ	0.229
B (10^{-12}/Pa)	3.09

其他性质 Other Properties

ρ (g/cm^3)	2.80

备注 Remarks

CDGM