H-QF14	596392	n_d = 1.595510	υ_d = 39.22	$n_F - n_C$ = 0.015183
		n_e = 1.599107	υ_e = 38.95	$n_{F'} - n_{C'}$ = 0.015382

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.560052
$n_{1970.09}$	1970.09	1.565720
$n_{1529.58}$	1529.58	1.571921
$n_{1060.0}$	1060.0	1.578897
n_t	1013.98	1.579755
n_s	852.11	1.583459
n_r	706.52	1.588538
n_C	656.27	1.591030
$n_{C'}$	643.85	1.591735
n_{He-Ne}	632.8	1.592396
n_D	589.29	1.595377
n_d	587.56	1.595510
n_e	546.07	1.599107
n_F	486.13	1.606213
$n_{F'}$	479.99	1.607117
n_g	435.83	1.615035
n_h	404.66	1.622712
n_i	365.01	1.636706
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.17413204E+00
L_1	1.19558629E+02
K_2	1.36038248E+00
L_2	9.92935549E-03
K_3	1.25239591E-01
L_3	5.38484281E-02

折射率温度系数常数 Constants of dn/dt

D_0	2.82E-07
D_1	1.52E-08
D_2	-3.21E-11
E_0	6.73E-07
E_1	6.70E-10
λ_{TK}(μm)	0.265

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2440	$P'_{s,t}$	0.2408
$P_{C,s}$	0.4986	$P'_{C',s}$	0.5380
$P_{d,C}$	0.2951	$P'_{d,C'}$	0.2454
$P_{e,d}$	0.2369	$P'_{e,d}$	0.2338
$P_{g,F}$	0.5810	$P'_{g,F'}$	0.5148
$P_{i,h}$	0.9217	$P'_{i,h}$	0.9098

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0116	$\Delta P_{C,s}$	0.0042
$\Delta P_{F,e}$	-0.0002	$\Delta P_{g,F}$	0.0021

着色度 Color Code

λ_{80}/λ_5	380/350
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	594
T_s (℃)	641
$T_{10}^{14.5}$ (℃)	539
T_{10}^{13} (℃)	575
$T_{10}^{7.6}$(℃)	721
$\alpha_{-30/70℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	92
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.927	0.860
2200	0.938	0.880
2000	0.978	0.954
1800	0.989	0.978
1600	0.998	0.997
1400	0.997	0.995
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	0.998	0.997
800	0.998	0.997
700	0.998	0.996
650	0.997	0.994
600	0.997	0.995
550	0.997	0.995
500	0.995	0.991
480	0.994	0.988
460	0.992	0.984
440	0.990	0.980
420	0.985	0.970
400	0.966	0.933
390	0.938	0.880
380	0.870	0.760
370	0.710	0.510
360	0.370	0.140
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	1.7	2.0	2.5	2.7	3.1	3.8
-40～-20	1.7	2.2	2.6	2.7	3.3	4.0
-20～0	1.8	2.4	2.7	2.9	3.5	4.2
0～20	1.9	2.5	2.8	3.0	3.7	4.3
20～40	2.0	2.6	2.9	3.1	3.9	4.5
40～60	2.2	2.7	3.0	3.3	4.0	4.8
60～80	2.2	2.9	3.0	3.4	4.2	4.9
80～100	2.3	3.0	3.2	3.5	4.4	5.2
100～120	2.3	3.0	3.3	3.7	4.5	5.4
120～140	2.5	3.1	3.4	3.8	4.5	5.5

机械性质 Mechanical Properties

H_K (10^7Pa)	548
F_A	95
E (10^7Pa)	7852
G (10^7Pa)	3206
μ	0.225
B (10^{-12}/Pa)	2.77

其他性质 Other Properties

ρ (g/cm^3)	2.62

备注 Remarks

CDGM