H-QK1	470669	n_d = 1.470470	υ_d = 66.88	$n_F - n_C$ = 0.007035
		n_e = 1.472149	υ_e = 66.68	$n_{F'} - n_{C'}$ = 0.007081

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.444945
$n_{1970.09}$	1970.09	1.450447
$n_{1529.58}$	1529.58	1.456108
$n_{1060.0}$	1060.0	1.461485
n_t	1013.98	1.462050
n_s	852.11	1.464299
n_r	706.52	1.467040
n_C	656.27	1.468299
$n_{C'}$	643.85	1.468647
n_{He-Ne}	632.8	1.468972
n_D	589.29	1.470407
n_d	587.56	1.470470
n_e	546.07	1.472149
n_F	486.13	1.475334
$n_{F'}$	479.99	1.475728
n_g	435.83	1.479079
n_h	404.66	1.482162
n_i	365.01	1.487375
$n_{313.18}$	313.18	1.497819
$n_{302.15}$	302.15	1.500874

色散公式常数 Constants of Dispersion Formula

K_1	8.41944073E-01
L_1	9.32638704E+01
K_2	9.91785467E-01
L_2	1.03998728E-02
K_3	1.46213376E-01
L_3	-8.20300741E-03

折射率温度系数常数 Constants of dn/dt

D_0	-4.39E-06
D_1	2.39E-08
D_2	-3.11E-11
E_0	3.40E-07
E_1	2.10E-10
λ_{TK}(μm)	0.199

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3197	$P'_{s,t}$	0.3176
$P_{C,s}$	0.5686	$P'_{C',s}$	0.6140
$P_{d,C}$	0.3086	$P'_{d,C'}$	0.2574
$P_{e,d}$	0.2387	$P'_{e,d}$	0.2371
$P_{g,F}$	0.5323	$P'_{g,F'}$	0.4732
$P_{i,h}$	0.7410	$P'_{i,h}$	0.7362

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0269	$\Delta P_{C,s}$	0.0087
$\Delta P_{F,e}$	-0.0005	$\Delta P_{g,F}$	0.0005

着色度 Color Code

λ_{80}/λ_5	315/280
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	399
T_s (℃)	497
$T_{10}^{14.5}$ (℃)	365
T_{10}^{13} (℃)	411
$T_{10}^{7.6}$(℃)	653
$\alpha_{-30/70℃}$(10^{-7}/K)	73
$\alpha_{100/300℃}$(10^{-7}/K)	85
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	5
D_A	5
CR	3
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.849	0.722
2200	0.936	0.876
2000	0.983	0.966
1800	0.995	0.991
1600	0.997	0.993
1400	0.990	0.981
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	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.998	0.997
460	0.999	0.998
440	0.998	0.996
420	0.998	0.996
400	0.999	0.998
390	0.998	0.997
380	0.998	0.996
370	0.998	0.997
360	0.997	0.993
350	0.993	0.986
340	0.985	0.971
330	0.973	0.946
320	0.940	0.883
310	0.877	0.769
300	0.767	0.588
290	0.592	0.351
280	0.373	0.139

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	-0.6	-0.5	-0.3	-0.4	-0.1	0.1
-40～-20	-0.5	-0.4	-0.3	-0.3	-0.1	0.1
-20～0	-0.5	-0.4	-0.2	-0.1	0.0	0.2
0～20	-0.3	-0.2	-0.1	0.0	0.2	0.4
20～40	-0.1	0.1	0.2	0.4	0.5	0.8
40～60	0.1	0.2	0.3	0.5	0.7	0.9
60～80	0.3	0.4	0.5	0.7	0.8	1.0
80～100	0.4	0.6	0.8	0.9	1.0	1.1
100～120	0.6	0.9	1.0	1.1	1.3	1.4
120～140	0.7	1.0	1.1	1.2	1.5	1.6

机械性质 Mechanical Properties

H_K (10^7Pa)	374
F_A	83
E (10^7Pa)	4828
G (10^7Pa)	1955
μ	0.235
B (10^{-12}/Pa)	3.76

其他性质 Other Properties

ρ (g/cm^3)	2.30

备注 Remarks

CDGM