H-K3	505647	n_d = 1.504630	υ_d = 64.72	$n_F - n_C$ = 0.007797
		n_e = 1.506491	υ_e = 64.54	$n_{F'} - n_{C'}$ = 0.007848

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.476253
$n_{1970.09}$	1970.09	1.482372
$n_{1529.58}$	1529.58	1.488675
$n_{1060.0}$	1060.0	1.494660
n_t	1013.98	1.495289
n_s	852.11	1.497787
n_r	706.52	1.500828
n_C	656.27	1.502223
$n_{C'}$	643.85	1.502610
n_{He-Ne}	632.8	1.502969
n_D	589.29	1.504560
n_d	587.56	1.504630
n_e	546.07	1.506491
n_F	486.13	1.510020
$n_{F'}$	479.99	1.510458
n_g	435.83	1.514176
n_h	404.66	1.517602
n_i	365.01	1.523411
$n_{313.18}$	313.18	1.535137
$n_{302.15}$	302.15	1.538596

色散公式常数 Constants of Dispersion Formula

K_1	2.96004558E-01
L_1	1.85989847E-02
K_2	9.40420083E-01
L_2	5.13632873E-03
K_3	1.00566540E+00
L_3	9.75554310E+01

折射率温度系数常数 Constants of dn/dt

D_0	2.31E-06
D_1	2.11E-08
D_2	-2.04E-11
E_0	4.15E-07
E_1	4.80E-10
λ_{TK}(μm)	0.136

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3204	$P'_{s,t}$	0.3183
$P_{C,s}$	0.5689	$P'_{C',s}$	0.6146
$P_{d,C}$	0.3087	$P'_{d,C'}$	0.2574
$P_{e,d}$	0.2387	$P'_{e,d}$	0.2371
$P_{g,F}$	0.5330	$P'_{g,F'}$	0.4738
$P_{i,h}$	0.7450	$P'_{i,h}$	0.7402

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0381	$\Delta P_{C,s}$	0.0142
$\Delta P_{F,e}$	-0.0018	$\Delta P_{g,F}$	-0.0025

着色度 Color Code

λ_{80}/λ_5	330/300
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	537
T_s (℃)	609
$T_{10}^{14.5}$ (℃)	481
T_{10}^{13} (℃)	526
$T_{10}^{7.6}$(℃)	712
$\alpha_{-30/70℃}$(10^{-7}/K)	58
$\alpha_{100/300℃}$(10^{-7}/K)	70
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.840	0.705
2200	0.908	0.825
2000	0.978	0.957
1800	0.991	0.982
1600	0.997	0.994
1400	0.984	0.968
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	0.998	0.996
700	0.998	0.996
650	0.998	0.996
600	0.998	0.996
550	0.998	0.996
500	0.998	0.996
480	0.998	0.995
460	0.997	0.995
440	0.997	0.995
420	0.997	0.995
400	0.998	0.995
390	0.997	0.994
380	0.994	0.989
370	0.994	0.989
360	0.991	0.983
350	0.984	0.967
340	0.964	0.930
330	0.913	0.834
320	0.781	0.611
310	0.497	0.247
300	0.148	0.022
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	2.0	2.4	2.5	2.5	2.7	2.8
-40～-20	2.1	2.5	2.5	2.6	2.8	3.0
-20～0	2.3	2.6	2.7	2.8	3.0	3.2
0～20	2.4	2.7	2.8	3.0	3.2	3.3
20～40	2.5	2.8	2.9	3.1	3.3	3.5
40～60	2.7	3.1	3.2	3.3	3.5	3.7
60～80	3.1	3.2	3.3	3.6	3.8	4.3
80～100	3.3	3.6	3.7	3.8	4.2	4.4
100～120	3.3	3.7	3.9	4.0	4.3	4.4
120～140	3.5	3.8	4.0	4.1	4.3	4.4

机械性质 Mechanical Properties

H_K (10^7Pa)	548
F_A	81
E (10^7Pa)	6830
G (10^7Pa)	2806
μ	0.217
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	2.40

备注 Remarks

CDGM