H-K5	510634	n_d = 1.51007	υ_d = 63.36	$n_F - n_C$ = 0.008050
		n_e = 1.51199	υ_e = 63.13	$n_{F'} - n_{C'}$ = 0.008110

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	1.50069
n_s	852.11	1.50312
n_r	706.52	1.50618
n_C	656.27	1.50760
$n_{C'}$	643.85	1.50800
n_{He-Ne}	632.8	1.50837
n_D	589.29	1.51000
n_d	587.56	1.51007
n_e	546.07	1.51199
n_F	486.13	1.51565
$n_{F'}$	479.99	1.51611
n_g	435.83	1.51999
n_h	404.66	1.52356
n_i	365.01	1.52962
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	2.2501836E+00
A_1	-8.9406616E-03
A_2	1.1431783E-02
A_3	-7.3339328E-05
A_4	3.4961670E-05
A_5	-1.8010078E-06

折射率温度系数常数 Constants of dn/dt

D_0	-2.53E-07
D_1	1.48E-08
D_2	-9.74E-12
E_0	4.45E-07
E_1	7.77E-10
λ_{TK}(μm)	0.202

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3019	$P'_{s,t}$	0.2996
$P_{C,s}$	0.5565	$P'_{C',s}$	0.6017
$P_{d,C}$	0.3068	$P'_{d,C'}$	0.2552
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2366
$P_{g,F}$	0.5390	$P'_{g,F'}$	0.4783
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0136	$\Delta P_{C,s}$	0.0050
$\Delta P_{F,e}$	-0.0005	$\Delta P_{g,F}$	0.0012

着色度 Color Code

λ_{80}/λ_5	320/285
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	558
T_s (℃)	633
$T_{10}^{14.5}$ (℃)	497
T_{10}^{13} (℃)	548
$T_{10}^{7.6}$(℃)	733
$\alpha_{-30/70℃}$(10^{-7}/K)	75
$\alpha_{100/300℃}$(10^{-7}/K)	89
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.890	0.790
2200	0.914	0.835
2000	0.964	0.929
1800	0.985	0.971
1600	0.997	0.995
1400	0.998	0.997
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	0.998	0.996
460	0.997	0.995
440	0.997	0.995
420	0.997	0.995
400	0.997	0.995
390	0.997	0.995
380	0.997	0.994
370	0.996	0.993
360	0.995	0.991
350	0.991	0.983
340	0.983	0.967
330	0.963	0.927
320	0.914	0.836
310	0.800	0.640
300	0.560	0.310
290	0.240	0.060
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	1.5	1.7	2.0	2.2	2.3	2.4
-20～0	1.3	1.6	1.8	2.0	2.2	2.4
0～20	1.5	1.6	1.8	1.9	2.2	2.4
20～40	1.4	1.9	2.0	2.2	2.5	2.9
40～60	1.7	2.1	2.1	2.3	2.6	2.8
60～80	1.7	2.0	2.1	2.2	2.5	2.9
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	487
F_A	84
E (10^7Pa)	7519
G (10^7Pa)	3128
μ	0.202
B (10^{-12}/Pa)	2.67

其他性质 Other Properties

ρ (g/cm^3)	2.47

备注 Remarks

CDGM