H-KF6	517522	n_d = 1.517420	υ_d = 52.15	$n_F - n_C$ = 0.009922
		n_e = 1.519778	υ_e = 51.86	$n_{F'} - n_{C'}$ = 0.010022

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.487677
$n_{1970.09}$	1970.09	1.493468
$n_{1529.58}$	1529.58	1.499548
$n_{1060.0}$	1060.0	1.505660
n_t	1013.98	1.506341
n_s	852.11	1.509141
n_r	706.52	1.512730
n_C	656.27	1.514429
$n_{C'}$	643.85	1.514904
n_{He-Ne}	632.8	1.515348
n_D	589.29	1.517332
n_d	587.56	1.517420
n_e	546.07	1.519778
n_F	486.13	1.524351
$n_{F'}$	479.99	1.524926
n_g	435.83	1.529898
n_h	404.66	1.534618
n_i	365.01	1.542972
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	7.36995941E-02
L_1	4.78548878E-02
K_2	1.19277164E+00
L_2	7.81132706E-03
K_3	1.01749455E+00
L_3	1.04241959E+02

折射率温度系数常数 Constants of dn/dt

D_0	-5.94E-07
D_1	1.77E-08
D_2	-1.13E-10
E_0	5.53E-07
E_1	9.82E-10
λ_{TK}(μm)	0.212

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2822	$P'_{s,t}$	0.2794
$P_{C,s}$	0.5330	$P'_{C',s}$	0.5750
$P_{d,C}$	0.3015	$P'_{d,C'}$	0.2510
$P_{e,d}$	0.2377	$P'_{e,d}$	0.2353
$P_{g,F}$	0.5591	$P'_{g,F'}$	0.4961
$P_{i,h}$	0.8420	$P'_{i,h}$	0.8336

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0232	$\Delta P_{C,s}$	0.0079
$\Delta P_{F,e}$	-0.0003	$\Delta P_{g,F}$	0.0022

着色度 Color Code

λ_{80}/λ_5	360/340
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	438
T_s (℃)	519
$T_{10}^{14.5}$ (℃)	405
T_{10}^{13} (℃)	451
$T_{10}^{7.6}$(℃)	635
$\alpha_{-30/70℃}$(10^{-7}/K)	70
$\alpha_{100/300℃}$(10^{-7}/K)	88
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	0.938	0.879
2200	0.958	0.918
2000	0.992	0.984
1800	0.996	0.993
1600	0.999	0.998
1400	0.999	0.998
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	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.997	0.995
500	0.996	0.993
480	0.995	0.991
460	0.994	0.989
440	0.993	0.986
420	0.991	0.983
400	0.989	0.978
390	0.986	0.972
380	0.978	0.957
370	0.964	0.929
360	0.907	0.823
350	0.730	0.530
340	0.300	0.090
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						
-40～-20	0.6	0.7	0.8	1.4	1.6	2.0
-20～0	1.3	2.0	2.0	2.1	2.2	2.5
0～20	1.3	1.7	1.7	1.8	2.1	2.8
20～40	1.3	1.7	2.0	2.1	2.6	2.9
40～60	1.3	2.0	2.1	2.3	2.7	3.1
60～80	1.7	1.9	2.2	2.3	2.9	3.3
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	456
F_A	73
E (10^7Pa)	6626
G (10^7Pa)	2711
μ	0.222
B (10^{-12}/Pa)	3.17

其他性质 Other Properties

ρ (g/cm^3)	2.47

备注 Remarks

CDGM