H-K50	522595	n_d = 1.522490	υ_d = 59.48	$n_F - n_C$ = 0.008784
		n_e = 1.524584	υ_e = 59.22	$n_{F'} - n_{C'}$ = 0.008858

折射率 Refractive Index		
	λ（nm）	
$n_{2325.42}$	2325.42	1.496357
$n_{1970.09}$	1970.09	1.501325
$n_{1529.58}$	1529.58	1.506578
$n_{1060.0}$	1060.0	1.511949
n_t	1013.98	1.512555
n_s	852.11	1.515062
n_r	706.52	1.518290
n_C	656.27	1.519816
$n_{C'}$	643.85	1.520242
n_{He-Ne}	632.8	1.520640
n_D	589.29	1.522412
n_d	587.56	1.522490
n_e	546.07	1.524584
n_F	486.13	1.528600
$n_{F'}$	479.99	1.529100
n_g	435.83	1.533379
n_h	404.66	1.537354
n_i	365.01	1.544156
$n_{313.18}$	313.18	1.558161
$n_{302.15}$	302.15	1.562376

色散公式常数 Constants of Dispersion Formula	
K_1	1.19524701E+00
L_1	7.64077104E-03
K_2	8.95076933E-02
L_2	3.18085706E-02
K_3	9.20217443E-01
L_3	1.09312054E+02

折射率温度系数常数 Constants of dn/dt	
D_0	-1.52E-06
D_1	1.80E-08
D_2	-5.12E-11
E_0	4.72E-07
E_1	6.41E-10
λ_{TK}(μm)	0.193

相对部分色散 Relative Partial Dispersions			
$P_{s,t}$	0.2854	$P'_{s,t}$	0.2830
$P_{C,s}$	0.5412	$P'_{C',s}$	0.5848
$P_{d,C}$	0.3044	$P'_{d,C'}$	0.2538
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2364
$P_{g,F}$	0.5441	$P'_{g,F'}$	0.4831
$P_{i,h}$	0.7744	$P'_{i,h}$	0.7679

异常色散 Abnormal Dispersions			
$\Delta P_{C,t}$	0.0001	$\Delta P_{C,s}$	-0.0012
$\Delta P_{F,e}$	0.0000	$\Delta P_{g,F}$	-0.0003

着色度 Color Code	
λ_{80}/λ_5	345/315
λ_{70}/λ_5	

热性质 Thermal Properties	
T_g (℃)	564
T_s (℃)	633
$T_{10}^{14.5}$ (℃)	507
T_{10}^{13} (℃)	522
$T_{10}^{7.6}$(℃)	736
$\alpha_{-30/70℃}$(10^{-7}/K)	79
$\alpha_{100/300℃}$(10^{-7}/K)	96
λ[W/(m·K)]	

化学性质 Chemical Properties	
	Grade
D_W	2
D_A	3
CR	1
RC(S)	3
RA(S)	1

内部透过率 Internal Transmittance τ		
λ（nm）	τ (5mm)	τ (10mm)
2400	0.903	0.815
2200	0.925	0.856
2000	0.968	0.937
1800	0.987	0.974
1600	0.997	0.994
1400	0.998	0.996
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	0.996	0.992
700	0.996	0.992
650	0.996	0.992
600	0.996	0.993
550	0.996	0.992
500	0.995	0.991
480	0.995	0.990
460	0.994	0.989
440	0.994	0.989
420	0.994	0.988
400	0.993	0.987
390	0.991	0.983
380	0.987	0.974
370	0.982	0.964
360	0.966	0.933
350	0.931	0.866
340	0.850	0.720
330	0.660	0.440
320	0.330	0.110
310		
300		
290		
280		

机械性质 Mechanical Properties	
H_K (10^7Pa)	537
F_A	81
E (10^7Pa)	7338
G (10^7Pa)	3004
μ	0.221
B (10^{-12}/Pa)	2.58

其他性质 Other Properties	
ρ (g/cm^3)	2.52

备注 Remarks

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	0.7	1.0	1.3	1.3	1.6	1.9
-40～-20	0.6	0.9	1.2	1.3	1.4	1.8
-20～0	0.7	1.0	1.2	1.3	1.4	1.8
0～20	0.7	1.1	1.2	1.3	1.5	1.8
20～40	1.1	1.3	1.5	1.8	1.9	2.2
40～60	1.2	1.6	1.7	1.8	2.1	2.5
60～80	1.2	1.6	1.7	1.9	2.3	2.6
80～100	1.2	1.7	1.8	2.0	2.3	2.7
100～120	1.2	1.7	1.8	2.0	2.3	2.7
120～140	1.2	1.7	1.8	2.0	2.3	2.7