H-QF3	575415	n_d = 1.575010	υ_d = 41.50	$n_F - n_C$ = 0.013854
		n_e = 1.578295	υ_e = 41.22	$n_{F'} - n_{C'}$ = 0.014030

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.541994
$n_{1970.09}$	1970.09	1.547352
$n_{1529.58}$	1529.58	1.553201
$n_{1060.0}$	1060.0	1.559726
n_t	1013.98	1.560523
n_s	852.11	1.563950
n_r	706.52	1.568624
n_C	656.27	1.570910
$n_{C'}$	643.85	1.571556
n_{He-Ne}	632.8	1.572161
n_D	589.29	1.574889
n_d	587.56	1.575010
n_e	546.07	1.578295
n_F	486.13	1.584764
$n_{F'}$	479.99	1.585586
n_g	435.83	1.592765
n_h	404.66	1.599698
n_i	365.01	1.612269
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.31974395E+00
L_1	9.62233830E-03
K_2	1.06724103E-01
L_2	5.34250071E-02
K_3	1.12240441E+00
L_3	1.21814727E+02

折射率温度系数常数 Constants of dn/dt

D_0	-1.78E-06
D_1	1.49E-08
D_2	-4.97E-11
E_0	7.15E-07
E_1	4.63E-10
λ_{TK}(μm)	0.244

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2474	$P'_{s,t}$	0.2443
$P_{C,s}$	0.5024	$P'_{C',s}$	0.5421
$P_{d,C}$	0.2959	$P'_{d,C'}$	0.2462
$P_{e,d}$	0.2371	$P'_{e,d}$	0.2341
$P_{g,F}$	0.5775	$P'_{g,F'}$	0.5117
$P_{i,h}$	0.9074	$P'_{i,h}$	0.8960

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0079	$\Delta P_{C,s}$	0.0025
$\Delta P_{F,e}$	0.0000	$\Delta P_{g,F}$	0.0025

着色度 Color Code

λ_{80}/λ_5	380/350
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	541
T_s (℃)	595
$T_{10}^{14.5}$ (℃)	488
T_{10}^{13} (℃)	527
$T_{10}^{7.6}$(℃)	675
$\alpha_{-30/70℃}$(10^{-7}/K)	90
$\alpha_{100/300℃}$(10^{-7}/K)	103
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.948	0.899
2200	0.957	0.916
2000	0.982	0.964
1800	0.991	0.983
1600	0.998	0.997
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	0.997	0.995
600	0.997	0.995
550	0.997	0.995
500	0.995	0.991
480	0.994	0.989
460	0.993	0.987
440	0.991	0.983
420	0.988	0.977
400	0.974	0.949
390	0.952	0.907
380	0.903	0.816
370	0.790	0.620
360	0.510	0.260
350	0.140	0.020
340		
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	0.6	1.3	1.4	1.6	2.2	2.7
-40～-20	0.7	1.3	1.4	1.7	2.2	2.8
-20～0	0.8	1.4	1.5	1.9	2.4	3.1
0～20	0.9	1.5	1.8	2.1	2.6	3.2
20～40	1.0	1.6	1.9	2.1	2.8	3.4
40～60	1.0	1.7	1.9	2.2	2.8	3.5
60～80	1.1	1.7	2.0	2.2	2.9	3.5
80～100	1.1	1.8	2.0	2.2	2.9	3.5
100～120	1.1	1.8	2.0	2.3	2.9	3.7
120～140	1.1	1.8	2.0	2.3	3.1	3.8

机械性质 Mechanical Properties

H_K (10^7Pa)	546
F_A	100
E (10^7Pa)	7551
G (10^7Pa)	3086
μ	0.223
B (10^{-12}/Pa)	2.71

其他性质 Other Properties

ρ (g/cm^3)	2.60

备注 Remarks

CDGM