H-QF50	581409	n_d = 1.581440	υ_d = 40.89	$n_F - n_C$ = 0.014220
		n_e = 1.584811	υ_e = 40.61	$n_{F'} - n_{C'}$ = 0.014401

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.547454
$n_{1970.09}$	1970.09	1.553005
$n_{1529.58}$	1529.58	1.559046
$n_{1060.0}$	1060.0	1.565760
n_t	1013.98	1.566578
n_s	852.11	1.570094
n_r	706.52	1.574888
n_C	656.27	1.577233
$n_{C'}$	643.85	1.577895
n_{He-Ne}	632.8	1.578517
n_D	589.29	1.581315
n_d	587.56	1.581440
n_e	546.07	1.584811
n_F	486.13	1.591453
$n_{F'}$	479.99	1.592296
n_g	435.83	1.599663
n_h	404.66	1.606767
n_i	365.01	1.619591
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.29450546E+00
L_1	8.94503808E-03
K_2	1.50752291E-01
L_2	4.83713581E-02
K_3	1.08698065E+00
L_3	1.13959763E+02

折射率温度系数常数 Constants of dn/dt

D_0	4.05E-07
D_1	2.23E-09
D_2	5.39E-11
E_0	5.36E-07
E_1	1.83E-09
λ_{TK}(μm)	0.288

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2473	$P'_{s,t}$	0.2441
$P_{C,s}$	0.5020	$P'_{C',s}$	0.5417
$P_{d,C}$	0.2959	$P'_{d,C'}$	0.2462
$P_{e,d}$	0.2371	$P'_{e,d}$	0.2341
$P_{g,F}$	0.5774	$P'_{g,F'}$	0.5116
$P_{i,h}$	0.9018	$P'_{i,h}$	0.8905

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0104	$\Delta P_{C,s}$	0.0036
$\Delta P_{F,e}$	-0.0002	$\Delta P_{g,F}$	0.0013

着色度 Color Code

λ_{80}/λ_5	380/350
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	573
T_s (℃)	626
$T_{10}^{14.5}$ (℃)	511
T_{10}^{13} (℃)	551
$T_{10}^{7.6}$(℃)	720
$\alpha_{-30/70℃}$(10^{-7}/K)	77
$\alpha_{100/300℃}$(10^{-7}/K)	99
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.920	0.846
2200	0.935	0.874
2000	0.972	0.944
1800	0.987	0.974
1600	0.996	0.992
1400	0.997	0.995
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	0.994
550	0.997	0.994
500	0.994	0.989
480	0.993	0.986
460	0.991	0.983
440	0.990	0.980
420	0.987	0.974
400	0.975	0.950
390	0.954	0.911
380	0.794	0.630
370	0.510	0.260
360	0.141	0.020
350		
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						
-40～-20	2.5	2.9	3.0	3.4	3.8	4.3
-20～0	2.2	2.6	2.7	3.1	3.5	4.1
0～20	2.1	2.5	2.6	2.7	3.5	3.9
20～40	1.8	2.5	2.7	2.9	3.5	4.3
40～60	1.8	2.5	2.7	2.9	3.6	4.4
60～80	1.6	2.5	2.9	3.1	3.7	5.0
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	482
F_A	91
E (10^7Pa)	7673
G (10^7Pa)	3132
μ	0.255
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	2.60

备注 Remarks

CDGM