H-ZPK2A	603655	n_d = 1.60300	υ_d = 65.47	$n_F - n_C$ = 0.009210
		n_e = 1.60520	υ_e = 65.15	$n_{F'} - n_{C'}$ = 0.009290

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	1.59256
n_s	852.11	1.59517
n_r	706.52	1.59858
n_C	656.27	1.60019
$n_{C'}$	643.85	1.60063
n_{He-Ne}	632.8	1.60105
n_D	589.29	1.60292
n_d	587.56	1.60300
n_e	546.07	1.60520
n_F	486.13	1.60940
$n_{F'}$	479.99	1.60992
n_g	435.83	1.61438
n_h	404.66	1.61850
n_i	365.01	1.62550
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

A_0	2.5307319E+00
A_1	-8.3442991E-03
A_2	1.4655185E-02
A_3	-2.1664739E-04
A_4	5.3552539E-05
A_5	-2.4615826E-06

折射率温度系数常数 Constants of dn/dt

D_0	-1.22E-05
D_1	1.14E-08
D_2	-2.20E-11
E_0	4.82E-07
E_1	3.10E-10
λ_{TK}(μm)	0.068

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2834	$P'_{s,t}$	0.2809
$P_{C,s}$	0.5451	$P'_{C',s}$	0.5877
$P_{d,C}$	0.3051	$P'_{d,C'}$	0.2551
$P_{e,d}$	0.2389	$P'_{e,d}$	0.2368
$P_{g,F}$	0.5407	$P'_{g,F'}$	0.4801
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0263	$\Delta P_{C,s}$	-0.0115
$\Delta P_{F,e}$	0.0020	$\Delta P_{g,F}$	0.0065

着色度 Color Code

λ_{80}/λ_5	355/305
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	619
T_s (℃)	648
$T_{10}^{14.5}$ (℃)	563
T_{10}^{13} (℃)	595
$T_{10}^{7.6}$(℃)	699
$\alpha_{-30/70℃}$(10^{-7}/K)	93
$\alpha_{100/300℃}$(10^{-7}/K)	115
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	4
CR	1
RC(S)	3
RA(S)	1

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.922	0.850
2200	0.943	0.889
2000	0.971	0.943
1800	0.985	0.970
1600	0.995	0.990
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	0.998	0.997
650	0.998	0.997
600	0.998	0.997
550	0.998	0.997
500	0.997	0.995
480	0.997	0.994
460	0.996	0.993
440	0.995	0.990
420	0.995	0.990
400	0.992	0.984
390	0.987	0.975
380	0.978	0.957
370	0.961	0.923
360	0.926	0.857
350	0.862	0.743
340	0.751	0.564
330	0.581	0.337
320	0.361	0.130
310	0.164	0.027
300		
290		
280		

机械性质 Mechanical Properties

H_K (10^7Pa)	382
F_A	273
E (10^7Pa)	6814
G (10^7Pa)	2651
μ	0.285
B (10^{-12}/Pa)	1.10

其他性质 Other Properties

ρ (g/cm^3)	3.50

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	-4.1	-3.9	-3.8	-3.6	-3.5	-3.2
-40～-20	-4.2	-3.9	-3.8	-3.7	-3.5	-3.4
-20～0	-4.2	-3.8	-3.8	-3.7	-3.4	-3.4
0～20	-4.2	-3.8	-3.7	-3.7	-3.4	-3.3
20～40	-4.2	-3.8	-3.7	-3.6	-3.5	-3.2
40～60	-4.1	-3.8	-3.7	-3.6	-3.4	-3.2
60～80	-4.1	-3.8	-3.7	-3.6	-3.4	-3.0
80～100	-4.0	-3.8	-3.6	-3.6	-3.3	-3.0
100～120	-3.9	-3.7	-3.6	-3.5	-3.2	-2.9
120～140	-3.9	-3.7	-3.6	-3.4	-3.1	-2.9

CDGM