H-ZPK1A	618634	n_d = 1.618000	υ_d = 63.39	$n_F - n_C$ = 0.009749
		n_e = 1.620325	υ_e = 63.09	$n_{F'} - n_{C'}$ = 0.009833

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.590955
$n_{1970.09}$	1970.09	1.595808
$n_{1529.58}$	1529.58	1.601002
$n_{1060.0}$	1060.0	1.606496
n_t	1013.98	1.607136
n_s	852.11	1.609823
n_r	706.52	1.613353
n_C	656.27	1.615037
$n_{C'}$	643.85	1.615508
n_{He-Ne}	632.8	1.615949
n_D	589.29	1.617913
n_d	587.56	1.618000
n_e	546.07	1.620325
n_F	486.13	1.624786
$n_{F'}$	479.99	1.625341
n_g	435.83	1.630081
n_h	404.66	1.634468
n_i	365.01	1.641920
$n_{313.18}$	313.18	1.656959
$n_{302.15}$	302.15	1.661384

色散公式常数 Constants of Dispersion Formula

K_1	9.44049498E-01
L_1	1.09035762E+02
K_2	1.05017122E+00
L_2	1.32903754E-02
K_3	5.27568709E-01
L_3	7.41462968E-04

折射率温度系数常数 Constants of dn/dt

D_0	-1.09E-05
D_1	1.14E-08
D_2	-4.44E-11
E_0	4.52E-07
E_1	3.49E-10
λ_{TK}(μm)	0.159

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2756	$P'_{s,t}$	0.2733
$P_{C,s}$	0.5348	$P'_{C',s}$	0.5782
$P_{d,C}$	0.3039	$P'_{d,C'}$	0.2534
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2364
$P_{g,F}$	0.5431	$P'_{g,F'}$	0.4821
$P_{i,h}$	0.7644	$P'_{i,h}$	0.7579

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0345	$\Delta P_{C,s}$	-0.0168
$\Delta P_{F,e}$	0.0025	$\Delta P_{g,F}$	0.0054

着色度 Color Code

λ_{80}/λ_5	350/290
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	618
T_s (℃)	650
$T_{10}^{14.5}$ (℃)	553
T_{10}^{13} (℃)	589
$T_{10}^{7.6}$(℃)	703
$\alpha_{-30/70℃}$(10^{-7}/K)	99
$\alpha_{100/300℃}$(10^{-7}/K)	114
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.949	0.901
2200	0.965	0.932
2000	0.983	0.966
1800	0.991	0.982
1600	0.997	0.994
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	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
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	0.991	0.983
390	0.987	0.975
380	0.978	0.957
370	0.960	0.921
360	0.924	0.854
350	0.863	0.745
340	0.766	0.586
330	0.629	0.396
320	0.469	0.220
310	0.318	0.101
300	0.205	0.042
290		
280		

机械性质 Mechanical Properties

H_K (10^7Pa)	379
F_A	324
E (10^7Pa)	7162
G (10^7Pa)	2772
μ	0.292
B (10^{-12}/Pa)	1.11

其他性质 Other Properties

ρ (g/cm^3)	3.61

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	-3.6	-3.4	-3.3	-3.1	-2.8	-2.6
-40～-20	-3.8	-3.5	-3.4	-3.2	-3.0	-2.8
-20～0	-3.7	-3.5	-3.3	-3.2	-3.0	-2.7
0～20	-3.7	-3.3	-3.2	-3.0	-2.9	-2.7
20～40	-3.7	-3.3	-3.3	-3.1	-2.9	-2.6
40～60	-3.6	-3.2	-3.1	-3.0	-2.8	-2.5
60～80	-3.6	-3.2	-3.1	-3.1	-2.8	-2.5
80～100	-3.6	-3.4	-3.1	-3.1	-2.8	-2.5
100～120	-3.9	-3.5	-3.4	-3.2	-2.8	-2.6
120～140	-3.9	-3.5	-3.5	-3.3	-2.9	-2.5

CDGM