

H-PK60	593670	$n_d = 1.59349$	$v_d = 67.00$	$n_F - n_C = 0.008858$
		$n_e = 1.59561$	$v_e = 66.74$	$n_F - n_C = 0.008924$

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.56575
n_{1970}	1970.09	1.57107
n_{1530}	1529.58	1.57682
n_{1129}	1128.64	1.58173
n_{1064}	1064.00	1.58259
n_t	1013.98	1.58329
n_s	852.11	1.58591
$n_{A'}$	768.19	1.58765
n_f	706.52	1.58923
n_C	656.27	1.59078
$n_{C'}$	643.85	1.59121
n_{He-Ne}	632.80	1.59162
n_D	589.29	1.59341
n_d	587.56	1.59349
n_e	546.07	1.59561
n_F	486.13	1.59964
$n_{F'}$	479.99	1.60014
n_g	435.84	1.60439
n_h	404.66	1.60831
n_i	365.01	1.61494

Relative Partial Dispersion	
$P_{d,C}$	0.3059
$P_{e,d}$	0.2393
$P_{g,F}$	0.5362
$P'_{d,c'}$	0.2555
$P'_{e,d}$	0.2376
$P'_{g,F'}$	0.4762

Chemical Properties (grade)	
RC (S)	1
RA (S)	1
D _w	1
D _A	4
R _{OH} (S)	1
RP (S)	2
CR	2

Internal Transmittance		
λ (nm)	τ_{5mm}	τ_{10mm}
2400	0.915	0.837
2200	0.947	0.897
2000	0.977	0.955
1800	0.990	0.980
1600	0.999	0.998
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
750	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	0.999	0.998
480	0.999	0.998
460	0.999	0.998
440	0.998	0.995
420	0.996	0.992
400	0.994	0.988
390	0.992	0.984
380	0.990	0.980
370	0.985	0.972
360	0.978	0.952
350	0.967	0.930
340	0.945	0.889
330	0.908	0.821
320	0.848	0.716
310	0.762	0.579
300	0.657	0.433
290	0.542	0.297
280	0.422	0.182

Deviation of Relative Partial Dispersions	
$\Delta P_{F,e}$	0.0017
$\Delta P_{g,F}$	0.0039
$\Delta P_{C,t}$	-0.0192
$\Delta P_{C,s}$	-0.0114

Expansion Coefficient α ($\times 10^{-7}/K$)	
$^{\circ}C$	α
-50/-40	79
-40/-30	81
-30/-20	85
-20/-10	87
-10/0	89
0/10	90
10/20	91
20/30	93
30/40	93
40/50	95
50/60	96
60/70	96
70/80	98
80/90	100
90/100	102
100/110	102
110/120	103
120/130	104
130/140	106
140/150	106
150/160	108

Thermal Properties	
T _g ($^{\circ}C$)	509
T _s ($^{\circ}C$)	538
T ₁₀ ^{14.5} ($^{\circ}C$)	481
T ₁₀ ¹³ ($^{\circ}C$)	502
$\alpha_{-50/80^{\circ}C}$ ($10^{-7}/K$)	87
$\alpha_{100/300^{\circ}C}$ ($10^{-7}/K$)	113
λ (W/(m K))	0.86

Constants of Dispersion Formula	
A ₀	2.50540910E+00
A ₁	-1.03738928E-02
A ₂	1.20696135E-02
A ₃	3.48394725E-04
A ₄	-2.40306361E-05
A ₅	1.23924095E-06

Mechanical Properties	
HK (10^7 Pa)	426
F _A	299
E (GPa)	80.4
G (GPa)	31.0
μ	0.297
σ_b (MPa)	57
B (10^{-12} /Pa)	1.30

Density	Solarization
ρ (g/cm ³)	$\Delta\lambda$ (%)
3.27	-1.8

Range of Temperature ($^{\circ}C$)	Temperature Coefficients of Refractive Index									
	dn/dt relative ($\times 10^{-6} / ^{\circ}C$)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	-1.8	-1.7	-1.5	-1.5	-1.5	-1.4	-1.3	-1.1	-1.1	-0.9
-40 ~ -20	-1.9	-1.8	-1.6	-1.6	-1.6	-1.5	-1.4	-1.2	-1.2	-1.0
-20 ~ 0	-2.0	-1.9	-1.8	-1.7	-1.7	-1.6	-1.4	-1.3	-1.3	-1.1
0 ~ 20	-2.1	-1.9	-1.8	-1.8	-1.8	-1.7	-1.6	-1.4	-1.4	-1.1
20 ~ 40	-2.1	-2.0	-1.9	-1.9	-1.9	-1.8	-1.7	-1.4	-1.4	-1.2
40 ~ 60	-2.1	-2.0	-1.9	-1.9	-1.9	-1.8	-1.6	-1.4	-1.4	-1.2
60 ~ 80	-2.1	-2.0	-1.9	-1.9	-1.9	-1.8	-1.6	-1.4	-1.4	-1.1
80 ~ 100	-2.2	-2.0	-2.0	-2.0	-2.0	-1.9	-1.7	-1.5	-1.5	-1.2
100 ~ 120	-2.1	-2.0	-1.9	-1.9	-1.9	-1.8	-1.8	-1.4	-1.4	-1.1
120 ~ 140	-2.1	-2.0	-1.9	-1.9	-1.9	-1.9	-1.9	-1.4	-1.4	-1.1
140 ~ 160	-2.1	-2.0	-1.9	-1.9	-1.9	-1.9	-1.9	-1.4	-1.4	-1.2

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	340/265
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	328/264

Constants of dn/dt		
D ₀	D ₁	D ₂
-7.70E-06	8.43E-09	-1.72E-11
E ₀	E ₁	λ_{TK}
2.66E-07	1.07E-10	2.75E-01