

H-BaK6 564608	$n_d = 1.56388$	$v_d = 60.76$	$n_F - n_C = 0.009280$
	$n_e = 1.56610$	$v_e = 60.50$	$n_{F'} - n_{C'} = 0.009357$

Refractive Indices		
	$\lambda(\text{nm})$	n_λ
n_{2325}	2325.42	
n_{1970}	1970.09	
n_{1530}	1529.58	
n_{1129}	1128.64	
n_t	1013.98	
n_s	852.11	
$n_{A'}$	768.19	
n_r	706.52	1.55943
n_C	656.27	1.56105
$n_{C'}$	643.85	1.56150
$n_{\text{He-Ne}}$	632.80	1.56192
n_D	589.29	1.56380
n_d	587.56	1.56388
n_e	546.07	1.56610
n_F	486.13	1.57033
$n_{F'}$	479.99	1.57086
n_g	435.84	1.57535
n_h	404.66	1.57951
n_i	365.01	1.58631

Constants of Dispersion Formula	
A_0	2.39391422E+00
A_1	1.06795192E-03
A_2	2.21421132E-02
A_3	-2.34639531E-03
A_4	3.37805003E-04
A_5	-1.71785556E-05

Relative Partial Dispersions			
$P_{d,C}$	0.3050	$P'_{d,C'}$	0.2543
$P_{e,d}$	0.2392	$P'_{e,d}$	0.2372
$P_{g,F}$	0.5409	$P'_{g,F'}$	0.4797

Range of Temperature (°C)	Temperature Coefficients of Refractive Index						
	dn/dt relative ($10^{-6} / ^\circ\text{C}$)						
	t	C'	He-Ne	D	e	F'	g
-40 ~ -20							
-20 ~ 0							
0 ~ 20							
20 ~ 40							
40 ~ 60							
60 ~ 80							

Chemical Properties (grade)	
RC(S)	1
RA(S)	3
D_W	1
D_A	2
$R_{OH}(S)$	
RP(S)	

Thermal Properties	
$T_g(^\circ\text{C})$	616
$T_s(^\circ\text{C})$	671
$T_{10}^{14.5}(^\circ\text{C})$	551
$T_{10}^{13}(^\circ\text{C})$	603
$\alpha_{-50/80^\circ\text{C}}(10^{-7}/\text{K})$	
$\alpha_{100/300^\circ\text{C}}(10^{-7}/\text{K})$	76

Mechanical Properties	
$HK(10^7\text{Pa})$	510
F_A	
$E(10^7\text{Pa})$	8311
$G(10^7\text{Pa})$	3365
μ	0.235
$B(\text{nm}/\text{cm}/10^5\text{Pa})$	

Density	
$\rho(\text{g}/\text{cm}^3)$	3.05

Deviation of Relative Partial Dispersions	
$\Delta P_{F,e}$	-0.0008
$\Delta P_{g,F}$	-0.0017
$\Delta P_{C,t}$	
$\Delta P_{C,s}$	

Internal Transmittance		
$\lambda(\text{nm})$	$\tau_5\text{mm}$	$\tau_{10}\text{mm}$
2400	0.915	0.838
2200	0.945	0.893
2000	0.984	0.969
1800	0.993	0.986
1600	0.998	0.996
1400	0.999	0.998
1200	0.999	0.998
1060	0.999	0.998
1000	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	0.998	0.996
480	0.997	0.995
460	0.997	0.994
440	0.996	0.992
420	0.995	0.991
400	0.994	0.988
390	0.991	0.982
380	0.987	0.974
370	0.981	0.963
360	0.966	0.934
350	0.940	0.883
340	0.890	0.790
330	0.800	0.640
320	0.660	0.430
310	0.460	0.210
300	0.240	0.060
290	0.080	
280		

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	350/300

Coloration of Internal Transmittance	
$\lambda\tau_{80}$	
$\lambda\tau_5$	