



Product Information: HEAT ABSORBING FLOAT GLASS

6/01

Product Description

Heat Absorbing Float Glass (HAFG) provides superior performance in reducing solar heat gain while maintaining desirable high visible light transmission. The light blue/green color subdues brightness while providing the highest visible light transmittance (77% for 6.0 mm thickness) of all tinted glass substrates currently available.

Optical Properties

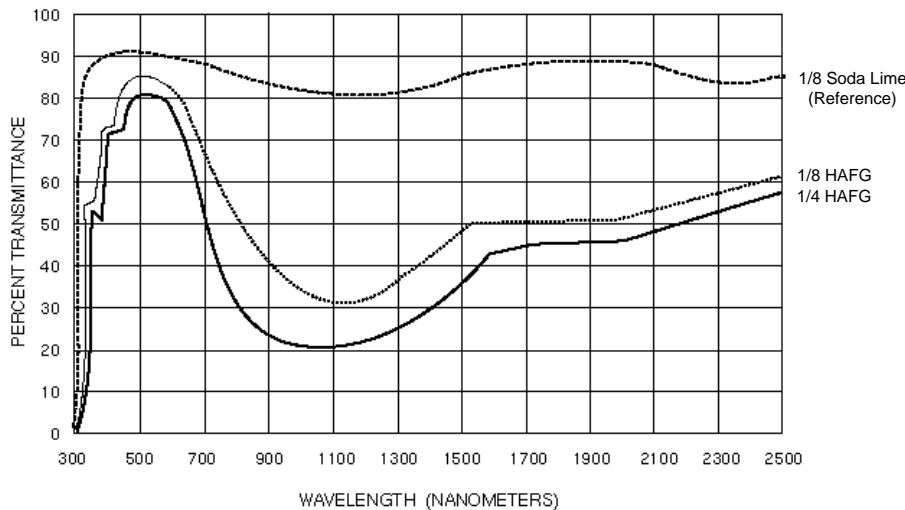
- Refractive index at sodium D Line (ND) 1.5184
- CIE Illuminate "C" data chromaticity coordinates x=0.301 y=0.323
- Dominant wavelength 501 nm
- Excitation purity 2.9%

Thermal Properties

- Expansion coefficient, linear in the range 25°C to 300°C (per degree C) 8.6×10^{-6}
- (per degree F) 4.8×10^{-6}
- Specific Heat at 32° - 121°F (0° - 100°C) 0.205
- Softening point 1327°F
- Annealing point 1004°F
- Strain point 937°F

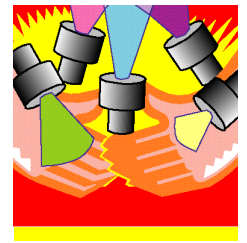
Dimensions

- Thicknesses: 1/8" & 1/4"
- Sizes: Up to 60" x 84"



If you wish to receive Abrisa's Designer's Lighting Book, which contains samples of many of the stock filters and patterns available, call for information.

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