**Soda-Lime**
*Heat Absorbing Float Glass*

**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.

**Features:**
- Absorbs IR

**Applications:**
- Short pass (SP) filter

**Physical Properties:**

**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 (25°C to 300°C) $8.6 \times 10^{-6}/^\circ{C}$ $4.8 \times 10^{-6}/^\circ{F}$
- Specific Heat at 0°C - 100°C (32°F - 212°F) 0.205
- Softening point 719°C 1327°F
- Annealing point 540°C 1004°F
- Strain point 503°C 937°F

**Dimensions:**
- Thicknesses: 1/8” & 1/4” (3.175mm & 6.35mm)
- Sizes: Up to 60” x 84” (1524 x 2133.6”)