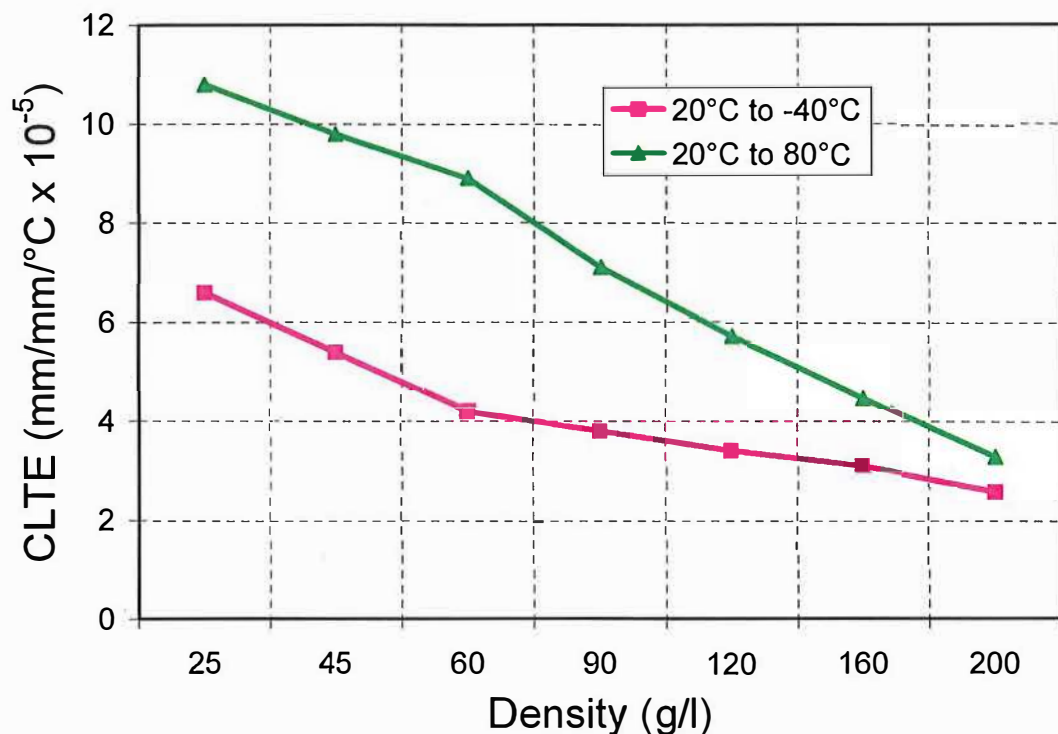


Coefficient of Linear Thermal Expansion (CLTE)  
for Foam (density range from 25 g/l to 200 g/l)  
Molded from ARPRO<sup>®</sup> Expanded Polypropylene (EPP) Beads



For a panel with a length of 1.867 m, a CLTE of 0.08 mm/m/°C, and subjected to a temperature change of 50 °C (122° F) , you get:  $\Delta L = (1.867 \text{ m}) * (0.08 \text{ mm/m/}^\circ\text{C}) * (50 \text{ }^\circ\text{C} ; 122\text{F}) = \sim 7.5 \text{ mm}$  of expansion. Divide this by 2 for each side = 3.25mm (1/8") edge expansion over a 122° F temperature *af\_ / ec*. This is why we engineered a 6mm gap between Brock Panels.

**Note: Tested per ASTM-D696**

Typical values (Results dependent on specific molded part geometry).

g/l = grams per liter