Aerogel Blanket Insulates Entire New Polycarbonate Plant

Easily installed on piping, towers, tanks, and drums

CASE STUDY

Customer: Cheil Yeosu
Location: South Korea

• Insulate piping, towers, tanks, and drums for entire new Cheil polycarbonate plant in South Korea.
• The design goal was heat conservation.
• Process temperature was 121°–343°C (250°–650°F).

• Aspen Aerogels provided a large supply of Pyrogel® 6350 (6 mm) and Pyrogel® 10350 (10 mm) material for insulating the plant.

• The Pyrogel insulation helped meet heat conservation requirements throughout the plant.
• The insulation was efficient to install, particularly on towers and vessels, enabling contractors to lower the labor cost and total installed cost.
• The aerogel solution was an economical total installed cost solution.
• The aerogel solution also helped energy savings due to its water resistance properties.