



Products Used

Pyrogel® 6350
Pyrogel® 10350

Aerogel Blanket Insulates Entire New Polycarbonate Plant

Easily installed on entire plant's piping, towers, tanks, and drums

Customer

Cheil
Yeosu, South Korea

Challenges

- 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).

Aerogel Solution

- Aspen Aerogels provided a large supply of **Pyrogel® 6350** and **Pyrogel® 10350** material for insulating the plant.

Benefits

- The Pyrogel insulation met 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 one of the lowest total installed cost solutions.
- The aerogel solution also provided huge energy savings due to its water resistance properties.

