

Thermoplastic Honeycomb Sandwich Panel

This lightweight thermoplastic sandwich panel features a honeycomb core. It is designed for structural applications requiring a high stiffness-to-weight ratio, such as automotive components.



Overview

High-Performance Composite Solution

This thermoplastic honeycomb sandwich panel is engineered for demanding structural applications requiring superior stiffness-to-weight ratios. Designed with a lightweight honeycomb core, it offers exceptional impact resistance alongside reliable thermal insulation properties. Its versatile composition makes it an ideal choice for complex automotive components and industrial assemblies where weight reduction and structural integrity are critical.

Technical Specifications

Key Structural Features

- High stiffness-to-weight ratio
- Excellent impact resistance
- Advanced thermal insulation
- Corrosion resistant
- Chemical resistant

Manufacturing Compatibility	Thermoforming, Lamination
Core Structure	Thermoplastic Honeycomb

Applications

Primary Applications

Automotive Interior • Automotive Exterior • Structural Components