

# SunForce™ BH

mPPE-Particle Foam for Composite  
Core Applications

## General Description

SunForce™ BH is a particle beads foam based on the engineering plastic m-PPE (modified polyphenylene ether). This foam features a heat resistance, dimensional stability, low water absorption from m-PPE, in addition to lightweight, thermal insulation, and formability originating from the bead foam.

Its combination of high processability and outstanding design flexibility makes it an optimal solution as foam core or sandwich material of composite applications.

## Material Properties

- High Processability
- Design Flexibility
- Total Cost Reduction
- High Moldability
- Low Water Absorption

## Application Fields

- Medical equipment (excluding applications with direct body contact)
- Marine
- Sports
- Aeronautical
- Mobility including eVTOL and automotive exterior

## Benefits for the customers

- Medium- to high-volume productivity
- Accurate, complex and curved shapes and without the need for additional milling

## Further Information

Visit: <https://www.sunforce.asahi-kasei.eu>

