JSP International
Engineered plastic foams

PEPP
ARPRO® Porous Expanded Polypropylene

Technical Bulletin
for ARPRO® Porous Expanded Polypropylene (PEPP)

ARPRO® Porous Expanded Polypropylene (PEPP) is a foam product that offers superior performance capabilities for a variety of applications. ARPRO® PEPP is a lightweight, flexible product designed to provide energy absorption and management, sound absorption and insulation, heat resistance, and a wide range of filtration capabilities while maintaining its structural integrity. ARPRO® PEPP is a bead foam, which unlike extruded foams, can be custom molded into a variety of shapes, sizes, and densities to meet the specific requirements for a variety of applications. ARPRO® PEPP can also be fabricated, cut, or laminated into almost any shape or size. ARPRO® PEPP offers the following performance characteristics:

SOUND ABSORPTION AND INSULATION: Provides broad-band sound absorption, attenuation, and insulation.

CUSHIONING: Meets the highest packaging industry standards.

ENERGY MANAGEMENT: Meets the highest automotive industry standards.

FILTRATION: Meets a wide range of filtration requirements from no filtration to complete separation.

OIL AND CHEMICAL RESISTANCE: Resists alkali, acid, petroleum, and chemical solvents.

LIGHTWEIGHT AND FLEXIBLE: Provides ease in handling and reduces time and cost of installation.

HEAT RESISTANCE AND INSULATION: Resists heat and insulates due to unique closed-cell structure. Performs consistently in both high and low temperature environments.

STRUCTURAL INTEGRITY: Maintains size and shape due to adaptability of density to the specific application. Resistant to tearing and abrasion.

DRAINAGE: Provides strength and drainage equivalent to a mixture of sand and gravel.

WATER, MOISTURE, MOLD, BACTERIA, AND FUNGUS RESISTANT: Resists water and moisture and growth of destructive organisms.

DESIGN AND AESTHETICS: Can be formed into complicated three dimensional shapes. Visually compatible with almost all environments.

ENVIRONMENTALLY SAFE: Free of chlorofluorocarbons (CFC's) and chemical blowing agents.

JSP International
Engineered plastic foams