EPS 0507F

Product Description

Spherical Expandable Polystyrene beads with flame retardant additive and pentane as blowing agent.

Product Applications

This product is recommended for high density molding applications of industrial packaging, geofoam application, decoration materials, boards and construction products in which flame retardancy is necessary.

Product Properties

Bead Size Range (Typical)	Sieve Analysis	Bulk Density
0.50 - 0.71 mm	0.30 - 0.90 mm min. 97%	590 - 630 kg/m^3

Packaging

Package Type	BIGBAG
Pallet Size (cm x cm)	105 x 105
Net Weight (kg)	1125

Processing

ASCHEM EPS 0507F can be expanded to densities between 22 kg/m^3 and 33 kg/m^3 with single pre-expansion.

After pre-expansion, the EPS products should be aged in silos between 5-15 hours depending on the blowing agent type, amount, environment and process conditions.

Please contact our Technical Department for optimum process conditions (e.g. steam pressure, residence time etc.) for energy saving, process efficiency and product quality.

Storage

EPS products should always be stored in cool and dry place below 25 °C to minimize loss of blowing agent. It should not be exposed to the extreme weather conditions (rain, snow, frost, and sunlight) and must be protected from damage.

In order to get better performance from EPS products, once packaging has been opened, their contents should be used as soon as possible. Shelf life of product in unopened big-bag that has been stored under recommended conditions is 5 months from production date.

Health Effects, Safety, Environment and Waste Management

ASCHEM EPS 0507F is not approved for contact with food applications. Please enquire our Sales Department for Food Grade EPS. Both during production and storage, contact with open flame or electrical sparks and static discharges must be strictly avoided. Smoking should be prohibited around EPS materials. Please make sure to read the “Material Safety Data Sheet” (MSDS) before use.

EPS is accepted as an environment friendly material for energy efficiency purposes. EPS materials can be recycled.