

ASCHEM EPS - EXPANDABLE POLYSTYRENE

EPS 1220R

Product Description

Spherical Expandable Polystyrene beads with pentane as blowing agent.

Product Applications

This product is recommended for medium or low density block, indoor applications in which flame retardancy is not necessary.

Product Properties

Bead Size Range	Sieve Analysis	Bulk Density	Moisture
1.00 - 2.24 mm	1.00 - 2.24 mm min. 98%	590 - 630 kg/m ³	< 1,50 mg/kg

Packaging

Package Type	BIGBAG
Pallet Size (cm x cm)	105 x 105
Net Weight (kg)	1100

Processing

ASCHEM EPS 1220R can be expanded to densities between 12 kg/m³ and 20 kg/m³ with single pre-expansion and to 10 kg/m³ or below with two expansions.

After pre-expansion, the EPS products should be aged in silos between 8-12 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.) energy saving, process efficiency and product quality.

Storage

EPS products should be stored in a dry, cool place where temperature kept under 25°C and protected from direct climate changes such as rain, moisture, snow and sunlight.

In order to get better performance from EPS products, it is recommended to use them within 30 days after delivery.

Health Effects, Safety, Environment and Waste Management

Both during production and storage, contact with open flame or electrical sparks and static discharges must be avoided. Smoking should be prohibited around EPS materials.

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

Disclaimer

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.