



PETROCHEMICAL KALA COMMERCIAL
COMPANY INTERNATIONAL

Snowa® F100
Expandable Polystyrene

Properties

Bead size – mm Diameter	1.2 – 1.8 mm
Blowing agent – pentane	>5.8%
Residual styrene monomer	Less than 1000ppm
Moisture content	Less than 1%
CFC content	Nil
Flammability	DIN4102 B1
Density	12 – 20 kg/M ³

To get densities below 12kg/m³, it is prefer to pre-expand twice

Application

Snowa® F100 is an EPS class with Flame Retardant, which can be produced in density ranges between 12 kg/m³ – 20 kg/ m³ suitable for high quality block molding and shape molding with a section thickness of 20 mm and higher.

Snowa® F100 in general is used for cases and packaging product, insulation application which requiring fire classification, in industrial applications inside proton brick with impact absorber and for light concrete applications.

Processing Conditions

All processing conditions might be changeable according to a kind of equipment's, and an aging time of materials. From expansion of the beads to block or mold shaped products, the entire transformation process is managed with water vapor.

Snowa® F100 is expandable in a single expansion at densities between 12 kg/m³– 20 kg/m³. The minimum density achievable may vary depending on the expander type and process conditions.

As temporary storage time in silos are 5-24 hours recommended depending on the density, atmosphere and process conditions.

For special applications please contact our technical service.