



snowa



PETROCHEMICAL KALA COMMERCIAL
COMPANY INTERNATIONAL

Snowa® F200
Expandable Polystyrene

Properties

Bead size – mm Diameter	0.9 – 1.3 mm
Blowing agent – pentane	>5.8%
Residual styrene monomer	Less than 1000ppm
Moisture content	Less than 1%
CFC content	Nil
Flammability	DIN4102 B1
Density	13 – 20 kg/M ³

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

Application

Snowa® F200 is an EPS class with Flame Retardant, which can be produced in density ranges between 13kg/m³ – 20 kg/m³ suitable for high quality block molding and shape molding with a section thickness of 10 mm and over.

Snowa® F200 in general is used for cases and packaging product, insulation application which is 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® F200 is expandable in a single expansion at densities between 13 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.