



PETROCHEMICAL KALA COMMERCIAL  
COMPANY INTERNATIONAL

**Snowa® R400**  
Expandable Polystyrene

## Properties

Bead size – mm Diameter	0.4 – 0.7 mm
Blowing agent – pentane	>5.8%
Residual styrene monomer	Less than 1000ppm
Moisture content	Less than 0.4%
CFC content	Nil
Density	Above 18 kg/M <sup>3</sup>

## Application

**Snowa® R400** is an EPS class, which can be produced in density ranges above 18Kg/m<sup>3</sup> suitable for high quality block molding and shape molding with a section thickness of 10 mm and lower.

**Snowa® R400** in general is used for cases and packaging product suitable for food contact, insulation application which is not requiring fire classification, in industrial applications inside proton brick with impact absorber 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® R400** is expandable in a single expansion at densities above 18kg/m<sup>3</sup>. The minimum density achievable may vary depending on the expander type and process conditions.

As temporary storage time in silos are less than 12 hours recommended depending on the density, atmosphere and process conditions.

For special applications please contact our technical service.