

Technical Data Sheet

F100
Expandable Polystyrene

F100 is an EPS class with flame retardant, which can be produced in density ranges between 12kg/m³ – 20kg/m³, suitable for high quality block molding and shape molding with a section thickness of 20 mm and higher. F100 is used for cases and packaging products, insulation applications that require fire classification applications., in industrial applications inside proton brick with impact absorber and for light concrete

Applications:

Snowa F100 is an EPS class with HBCD flame retardant agent, which can be used in production of EPS foam typically in density ranges between 7k/m³ – 12 kg/m³ which is suitable for high quality block molding.

Snowa F100 in general is used in application which is requiring fire classification such as thermal insulation material for construction applications and for construction contour moldings.

Lower densities can be achieved by multiple expansions.

PROPERTY	UNIT
Bead size - Diameter	1.2-1.8 mm
Blowing Agent-Pentane	5.6-7%
Residual Styrene Monomer	Less than 1000 ppm
Moisture content	Less than 1%
CFC content	Nil
Flammability as Per DIN 4102: B2, EN ISO 11925-2/EN 13 501 E	
Density	7-12 kg/m ³