

EXPANDABLE POLYSTYRENE (EPS)

The expandable polystyrene (EPS) is a rigid cellular plastic with highly versatile uses, from medicine packages to construction industry and roads.

Innova's technology uses extrusion for manufacturing expandable polystyrene beads in a uniform size, directly through micro-pelletization of polystyrene and pentane. It is an alternative to the traditional styrene monomer pelletization, which demands high water consumption.

As final products, beads with up to 3-millimeter diameter, which can expand until 50 times the original size through steam use, melted and molded in the most various forms.



Grade



Size Range
(mm)



Expanding
Agent (%)



Applications



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FR 200N	0,70 – 1,20	6,0	Construction industry and technical parts.	Technical data sheet SDS Rohs
FR 300N	1,10 – 1,90	6,0	Construction industry and technical parts.	Technical data sheet SDS Rohs
ST 200N	0,60 – 1,10	6,0	Packaging industry and technical parts.	Technical data sheet SDS Rohs
ST 300N	1,10 – 1,90	6,0	Blocks, boards and panels.	Technical data sheet SDS Rohs