

291L

Expandable Polystyrene (EPS)

Light Density Grade

Description:

291L is a regular grade (Standard grade) Expandable Polystyrene (EPS) containing pentane as blowing agent. This grade is developed to meet the demand for fast molding cycles in vacuum machine.

It is particularly well suited for the manufacturer of EPS insulation boards, block molded or product in continuous molding machine. This grade is also widely used for the production of low density decoration products and road construction blocks.

Physical Properties:	Unit	Value
Bead Size Diameter	mm.	1.00 – 1.60 \geq 98.0%
Moulding Density Range	g/l	14 - 25
Moisture Range	Wt.%	< 0.20
Blowing Agent (Pentane)	Wt.%	\geq 6.0
K-Value	-	55.5 – 57.5
*Lower densities can be achieved in multiple pre-expansion		

Processing Technique

*Silo time is 6 - 12 Hrs. under ambient temperature between 25 – 40 °C, relative humidity > 50 %

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.