

321F

Expandable Polystyrene (EPS)

Fast Cycle Grade

Description:

321F 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 and conventional molding machines.

This grade is particularly well suited for the manufacturer of EPS part products, with part wall thickness above approximately 10 mm. It is also widely used for production of insulation boards and panel, block molded or produced in continuous molding machines.

Physical Properties:	Unit	Value
Bead Size Diameter	mm.	0.63 – 1.12 ≥ 99.0%
Moulding Density Range	g/l	16 - 25
Moisture Range	Wt.%	≤ 0.20
Blowing Agent (Pentane)	Wt.%	≥ 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.