

255E

Expandable Polystyrene (EPS)

Self-Extinguishing Grade

Description:

255E is a Self Extinguishing (SE) grade Expandable Polystyrene (EPS) containing Pentane as blowing agent. This grade is developed to meet the demand for fast expansion rate and short pressure release times in block molding.

It is particularly well suited for the manufacture of self-extinguishing EPS insulation boards, block molded or produced in continuous molding machines.

Physical Properties:	Unit	Value
Bead Size Diameter	mm.	1.00 – 1.60 \geq 98.0%
Molding Density Range	g/l	16 - 25
Moisture Range	Wt.%	\leq 0.80
Blowing Agent (Pentane)	Wt.%	\geq 6.0
K-Value	-	53.5 – 55.5
DIN 4102 – B2 Approved *Lower density can be achieved in multiple pre-expansion		

Processing Technique

*Silo time is 8 – 16 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.