

## Technical Datasheet

### SUNDE ARCTIC 284 SE

EXPANDABLE POLYSTYRENE – Low Lambda, flame retardant

#### INTRODUCTION

SUNDE ARCTIC 284 SE expandable polystyrene (EPS) are round beads containing pentane as blowing agent, flame retardant and an infrared attenuating additive.

#### TYPICAL PROPERTIES

Property	Value	Unit
Bulk density	550 – 650	Kg/m <sup>3</sup>
Particle size range	1.0 – 1.4	mm
Bead size distribution	> 1.6 mm < 0.9 mm	Max 2% by weight
Minimum recommended pre-expander density*	16	kg/m <sup>3</sup>
Normal density range	17-25	kg/m <sup>3</sup>
Moisture content	< 0.5	% by weight
Pentane content	5 – 7	% by weight

\* Lower density can be achieved by double pre-expansion

#### APPLICATION

For block and shape moulding.

For Euroclass E.

Not to be used for food contact applications.

#### STORAGE

The product shall be stored in a cool, dry and ventilated place. The product is typically supplied in cardboard IBC with plastic inner liner. Opened units must be use the same day of opening.