

Technical Datasheet

SUNDE ARCTIC 284

EXPANDABLE POLYSTYRENE – Low Lambda

INTRODUCTION

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

TYPICAL PROPERTIES

| Property | Value | Unit |
|---|----------------------|-------------------|
| Bulk density | 550 – 650 | Kg/m ³ |
| Particle size range | 1.1 – 1.5 | mm |
| Bead size distribution | > 1.6 mm < 0.9 mm | Max 2% by weight |
| Minimum recommended pre-expander density* | 16 | kg/m ³ |
| Normal density range | 17-25 | kg/m ³ |
| 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 F.

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.