sunpor® A415

Technical data sheet | Revision: 06

Description:
sunpor® A415 is an expandable polystyrene granulate (EPS) which is used as a filler material for concrete and plaster. sunpor® A415 contains polymeric flame retardant and is certified.

Applications:
The loose beads of sunpor® A415 can be mixed with concrete and plaster to increase their insulating properties.

| Density range: | 12 - 18 kg/m³ |
| Granulate geometry: | bead-shaped granulate |
| Typical granulate diameter: | 0.3 - 0.8 mm (> 95 % by weight) |
| Pentane content (at the time of packaging): | > 5.0 % by weight |
| Water content (at the time of packaging): | < 0.4 % by weight |

Shipping:
ADR-Marking: Substance no. 2211 Polymeric beads, expandable
Class: 9
Packing Group: III ADR

Safety instructions:
Flammable pentane-air mixtures may be generated during storage and processing of sunpor® A415. For this reason, adequate ventilation must be ensured (LEL pentane 1.3 % by volume).

The blowing agent pentane escapes relatively slowly from EPS foam blocks. Thus, when cutting recently moulded blocks, the formation of a flammable pentane-air mixture has to be anticipated.

In addition, all conceivable sources of ignition must be kept away, and the build-up of electric charges has to be prevented.

Please note: This notice reflects our current knowledge. The suitability for specific applications must be verified by the processor from a technical and legal point of view. Subject to technical changes.