

# Technical Data Sheet

## JACKOCELL® S 4311

2016-11-14

Expandable Polystyrene

Doc.-Nr. 016-11-5023

Trade name

JACKOCELL® S 4311

Polymer

Polystyrene 100%

Blowing Agent

Total pentane content  $4,9 \pm 0,3\%$

Bulk density

$610 \pm 30 \text{ kg/m}^3$

Bead size range

0,4 - 0,7 mm diameter

Bead size distribution

$> 0,80 \text{ mm} = \text{max } 1,2\%$   
 $< 0,40 \text{ mm} = \text{max } 0,3\%$

Coefficient of variation

$< 12\%$

Application

Thin wall shape moulding

Recommended minimum ageing time  
of pre-expanded beads

12 hours

Recommended minimum density

21 g/l ( $\text{kg/m}^3$ )

Special features

Fast moulding cycles  
High strength

### Conditions of storage and preservation

For EPS to keep all characteristics, we advise to store the containers dry and at ambient temperature.

In these conditions and in an unopened original IBC we would recommend using the material within 3 months of the production date.

### Packaging

JACKOCELL® is available in 1100 kg IBC.

### Safety

EPS may produce flammable vapours.

Thus:

- only store in well ventilated premises.
- no fire nor sparks in the vicinity.
- no smoking nor welding.

Should you require further information see Safety Data Sheet JACKOCELL® expandable polystyrene.



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