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# TECHNICAL DATA SHEET FOR DIPECORE 1090 (450/Z190/450) - 1250

## PRODUCT DESCRIPTION

DIPECORE is a surface structure made of glass roving fibres and Polypropylene core consisting of PP fleece layer and two layers of chopped roving (chopped length 50 mm) stitched together by polyester thread.

## PRODUCT APPLICATION

DIPECORE is designed for using RTM technology and vacuum assisted resin moulding technology. Chemical treatment (sizing) of roving fibres used for its production is based on silane binding agent what makes it compatible with polyester, vinylester and epoxy resins.

## PRODUCT DESIGNATION

Dipecore is identified through a product name that contains following information:

- Product type
- Total square weight of the product without stitching threads in g/m<sup>2</sup>
- Square weight in g/m<sup>2</sup> of individual layers
- Product width in mm

PRODUCT NAME:

**DIPECORE 1090 M450/Z190/M450 – 1250**

Product type: DIPECORE

Total areal weight: 1090 g/m<sup>2</sup>

Chopped roving layer: 450 g/m<sup>2</sup>

PP fleece layer: 190 g/m<sup>2</sup>

Chopped roving layer: 450 g/m<sup>2</sup>

Product width: 1250 mm

## PRODUCT SPECIFICATION

Dipecore construction	Fibre used	Areal weight in g/m <sup>2</sup>
CHOPPED ROVING	E-Glas roving	450 +/-5%
PP fleece		190 +/- 5%
CHOPPED ROVING	E-Glas roving	450 +/-5%
STITCHING THREAD	Polyester	11 +/- 5%
<b>TOTAL AREAL WEIGHT</b>	-	<b>1101 +/- 5%</b>

PRODUCT WIDTH: 1250 mm +/- 1%

MACHINE GAUGE: F 3

STITCH TYPE: Trikot

## PACKAGING

Products are manufactured in form of a roll wound on a paper tube. Each roll is packed in a PE-sleeve and placed standing on a wooden pallet. Rolls are fixed together by a PP- tape to form a dispatch unit. Commonly used packaging is related to a standard product width of 125 cm:

- Roll diameter: cca. 52 cm
- Number of rolls per pallet: 6
- Internal tube diameter: 76 mm
- Standard pallet dimensions in mm: 1300 mm x 1200 mm
- Weight of the pallet: cca. 400 kg
- Number of pallets per truck: cca. 20

**Note:** Other packaging than displayed must be agreed in advance

## STORAGE AND TRANSPORT

Recommended storage conditions:

- in dustproofed and dry warehouses at the temperature between 10°- 30 °C max.
- recommended relative humidity of 45-65 %.
- stocking in one layer only.

Transport of the goods by covered means of transport protected against leaking only.

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