

# Datasheet

## Polypropylene film foamed, soft

non-stretched film of closed-cell structure

### Material:

- Polypropylene

### Colour:

- natural (transparent)

### Types:

Each type is determined by thickness and width as follows:

“PP-SS / (thickness in  $\mu\text{m}$ ) x (width in mm)“, e.g. PP-SS / 350 x 20

### Description of types:

PP-SS / 300 unstretched film, natural, 300  $\mu\text{m}$

PP-SS / 350 unstretched film, natural, 350  $\mu\text{m}$

**Width:** 10 -1.000 mm, in increments of 5 mm

### Properties:

Values		Thickness	300	350
Density	(calculated)	$\text{g/cm}^3$	0,6	0,6
Weight per unit area	EN 22 286	$\text{g/m}^2$	170	210
Tensile strenght, long.	ISO 527	$\text{N/mm}^2$	20	20
Elongation at break, long., max	ISO 527	%	230	230
Hot air shrinkage, long. (100°C/10 min)	BS 4611 A2	%	$\leq 6$	$\leq 6$
Melting range	DSC	°C	160-170	160-170
Max. processing temperature		°C	ca. 225	ca. 225
Relative permittivity	DIN 53 483/2		1,9	1,9
Dielectric strength	DIN 53 481	$\text{kV/mm}$	$\geq 25$	$\geq 25$
Thermal resistance	DIN 52 612	$\text{W/mK}$	0,08	0,08

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### Roll Dimension: Mother rolls

Core : 153 mm cardboard, wall thickness 14 mm  
Width: 500 mm  
Runnig length: max. 1000 m



### Roll Dimension: Pads

#### Cores

Inner—ø mm	Thickness mm	Material	Type
76,6	11	cardboard	76 (3")
153	14	cardboard	150

Roller outer-ø, mm: Outer diameter between 230 and 700 mm  
Tolerances: -20 mm / + 0 mm  
Front side of rolls: tolerance of layers max.  $\pm 2$  mm  
Planarity: tolerance of diameter max.  $\pm 2$  mm  
End marking: according to customers desire  
Joints: on both sides, brown PET adhesive tape, layer on layer  
thickness: 50  $\mu$ m, width: 50mm  
max. number of joints: 2 per roll



Subject to alterations!  
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