

## TECHNICAL DATA SHEET

### CORE MATERIAL: PP

#### Dimensions

Width x Length (mm): -

Thicknesses (mm) : 4-5

Density (gr/m<sup>2</sup>):500

#### Rheological properties

Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	1.3
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#### Mechanical properties

Tensile Strength at Yield	ISO 527-3	Mpa	29
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Elongation at Yield	ISO 527-3	%	6
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Tensile modulus	ISO 527-3	Mpa	1500
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Flexural modulus	ISO 178	Mpa	1400
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Izod Impact Strength (notched)	ISO 180	kJ/m2	
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at 23°C	>50		
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at -20°C	9		
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Charpy Impact Strength (notched)	ISO 179	kJ/m2	
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at 23°C	>50		
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at -20°C	10		
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Hardness Rockwell - R-scale	ISO 2039-2	82	
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#### Thermal properties

Melting Point	ISO 3146	°C	165
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Vicat Softening Point	ISO 306	°C	
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50N-50°C per hour	75		
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10N-50°C per hour	151		
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Heat Deflection Temperature	ISO 752	°C	
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1.80 Mpa - 120°C per hour	54		
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0.45 Mpa - 120°C per hour	92		
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#### Chemical properties:

Flammability	SAE J369-2007	Class	B
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## LAMINATION MATERIAL: PP

### Dimensions

Width x Length (mm): -  
Thicknesses (mm) : 0,5mm  
Density (gr/m<sup>2</sup>): 500

### Mechanical properties

Tensile Strength at Yield	ISO 527-3		29
	Mpa		
Elongation at Yield	ISO 527-3	%	6
Tensile modulus	ISO 527-3	Long.	1500
	Mpa	Transv.	1400

### Thermal properties

Melting Point	ISO 3146	°C	165
Vicat Softening Point	ISO 306	°C	
50N-50°C per hour			75
10N-50°C per hour			151
Heat Deflection Temperature	ISO 752	°C	
1.80 Mpa - 120°C per hour			54
0.45 Mpa - 120°C per hour			92

### Chemical properties:

Flammability	SAE J369-2007	Class	B
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## HEXAPAN

### Dimensions

Composition : 100% PP  
Width x Length (mm): -  
Thicknesses (mm): 5  
Density (gr/m<sup>2</sup>): 1500

### Mechanical properties

Applied Force	ASTM C393 M	N	150
Maximum Deflection at Aplied Force	mm	Long.	2,6 mm
	mm	Transv.	1,91 mm

### Chemical properties:

Flammability	SAE J369-2007	Class	B
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The local and national laws about health and safety and envionmental protection must be respected in any case.  
The possible transgressions of the above information cannot anyway engage our responsibility.