

TECHNICAL SPECIFICATION

Description

Customer reference: INT 812

Process

Extrusion - Cutting - Packaging - Shipment

Material

Polypropylen copolymer twin wall sheet

Chemical resistance

Polypropylene has good chemical inertness and good resistance to cracking under stress. It has no solvent at 20°C. Very resistant to mineral and organic products; it is neither affected by water solutions of mineral salts, nor by chemical bases and mineral acids at temperatures lower than 60°C, except very strong acids.

Not resistant to substances with an oxidizing effect or to certain solvents. Details can be supplied if required.

Regulatory compliance

94/62/EC on Packaging and Packaging waste

Regulatory REACH and directive ROHS

Food contact: request

Technical characteristics of the product

Thickness:	3 mm	+/-0.2mm
Weight:	450 g/m ²	+/-5%
Colour:	Blue 400	
Size:	800 x 1200 x 3 mm +/-2mm according to study A38256C	

Packaging

Pallets: 1200 x 900 x 1025 mm

25 items per strapping package

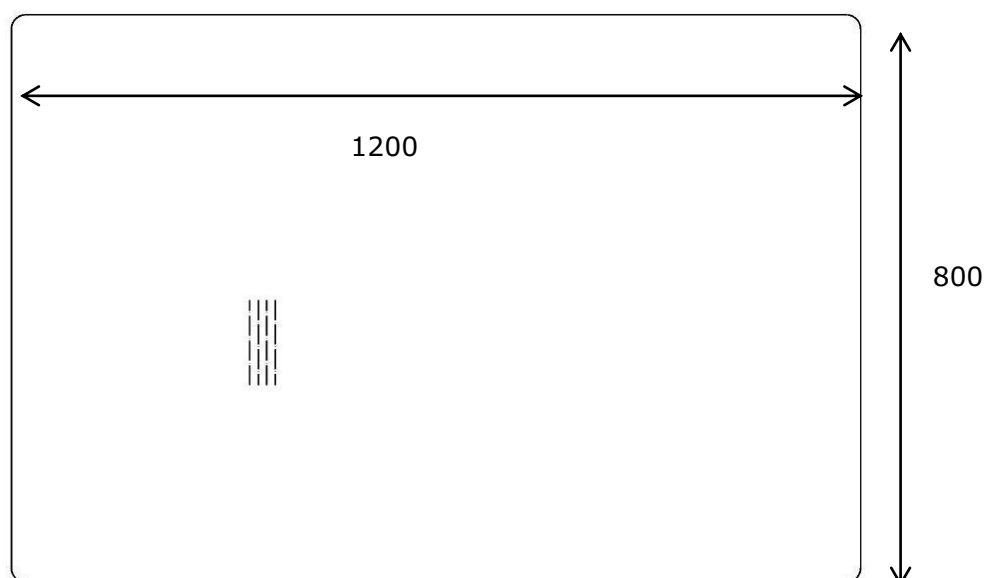
250 items per pallet

Protection: PE stretch foil

PP Mechanical Properties

Property	Unit	Result	Method
Density	g/cm ³	0,905	ISO 1183
Bulk Density	g/cm ³	0.525	ISO 1183
Melt Flow Index 230°C/2.16 kg	g/10min	1.3	ISO 1133
Tensile Strength at Yield	MPa	24	ISO527-2
Elongation at Yield	%	11	ISO 527-2
Tensile Modulus	MPa	1050	ISO 527-2
Flexural modulus	MPa	1150	ISO 178
Izod Impact Strength (notched)	kJ/m ²		ISO 180
at 23°C		No Break	
at -20°C		7	
Charpy Impact Strength (notched)	kJ/m ²		ISO 179
at 23°C		No Break	
at -20°C		8	
Harness Rockwell – R – Scale		77	
Melting Point	°C	165	ISO 3146
Vicat Softening Point	°C		ISO 306
50N-50°C per hour		60	
10N-50°C per hour		130	
Heat Deflection Temperature	°C		ISO75-2
1.8 MPa – 120°C per hour		50	
0.45 MPa – 120°C per hour		92	

Drawing



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Services commerciaux : tél. 3912* ou 0820 306 306* du lundi au vendredi de 8h à 18h30 - fax 0820 306 307* - www.raja.fr - Vos commandes 24h/24, 7 jours/7

Services administratifs : tél. 01 48 17 30 00 du lundi au vendredi de 8h30 à 18h30 - fax 01 48 17 30 30

* 0,099 € HT/min

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