

FICHE TECHNIQUE

Référence : PIP812

Désignation : Plaque intercalaire en plastique

TECHNICAL SPECIFICATION

Description

Customer reference: Intercalaire PIP812

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
Other regulations on request

Technical characteristics of the product

Thickness: 3.5mm +/-0.2mm
Weight: 800gr/m² +/-10%
Colour: Grey 700
Size: According to study A38256C +/-2mm

Packaging

Pallets: 1200 x 800 x 875 mm
Protection: PE stretch foil
Quantity: 10pcs/bag 200 parts/pallet

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	

