

ISPLEN® PB 150 G2M

Polypropylene Impact Copolymer
REPSOL

Message:

ISPLEN® PB 150 G2M is a medium fluidity heterophasic copolymer characterised by its good balance of properties: excellent impact strength, even at low temperatures, good stiffness and easy processability. Due to its excellent flow properties is very suitable to fill complex or large moulds with long flow paths.

TYPICAL APPLICATIONS

The particular characteristics of ISPLEN® PB 150 G2M offers a multi-purpose grade used for packaging and in a wide variety of appliance industries.

Typical applications are:

Crates, containers, pails and buckets for domestic and industrial uses.

Tool boxes and organizers with integral hinge.

Battery boxes and other automotive components.

Appliance industries: stadium seats, flooring slats, farm equipments, toys, sports...

Recommended melt temperature range from 190 to 250°C. Processing conditions should be optimised for each production line.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Low Temperature Impact Resistance		
	Medium Flow		
Uses	Appliance Components		
	Automotive Applications		
	Battery Cases		
	Containers		
	Crates		
	Industrial Applications		
	Living Hinges		
	Pails		
	Seats		
	Sporting Goods		
	Toys		
Agency Ratings		EU Food Contact, Unspecified Rating	
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method

Flexural Modulus	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	82.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 250	°C	

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