



ISPLEN® PB 150 G2M

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.

PROPERTIES	VALUE	UNIT	TEST METHOD
General			
Melt Flow Rate (230 °C; 2.16 kg)	7	g/10 min	ISO 1133
Density	905	kg/m ³	ISO 1183
Mechanical			
Flexural Modulus	1150	MPa	ISO 178
Charpy Impact Strength Notched (23 °C)	9	kJ/m ²	ISO 179
Thermal			
Heat Deflection Temperature	82	°C	ISO 75/B
Others			
Shore Hardness	60	D Scale	ISO 868

ISPLEN® PB 150 G2M complies with the European Directives regarding materials intended for contact with foodstuffs. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

STORAGE

ISPLEN® PB 150 G2M should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 60°C and protected from UV radiation. Storage under inappropriate conditions could initiate degradation processes which may have a negative influence on the processability and the properties of the transformed product.

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