ISPLEN® PP070G2M

ISPLEN® PP 070 G2M is a polypropylene homopolymer with a medium fluidity intended for injection moulding. It is characterised by good flow properties that enables to fill the mould easier. Articles manufactured with this grade have excellent chemical resistance, are easily decorated and can accept different colouring systems.

TYPICAL APPLICATIONS

ISPLEN® PP 070 G2M is widely used for the production of consumer goods such us:

- Food containers and rigid packaging.
- Toys and small appliances.
- Caps and closures.

Recommended melt temperature range from 210 to 250ºC. Processing conditions should be optimised for each production line.

PROPERTIES	VALUE	UNIT	TEST METHOD
General			
Melt Flow Rate (230 °C; 2.16 kg)	12	g/10 min	ISO 1133
Density	905	kg/m^3	ISO 1183
Mechanical			
Flexural Modulus	1550	MPa	ISO 178
Charpy Impact Strength Notched 23 °C	2.5	kJ/m^2	ISO 179
Thermal			
Heat Deflection Temperature 0.45MPa	85	°C	ISO 75
Others			
Shore Hardness	68	D Scale	ISO 868

ISPLEN® PP 070 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® PP 070 G2M should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 60ºC 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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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

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