

**REPSOL
YPF**



**ISPLEN[®]
POLYPROPYLENE**

ISPLEN[®] PP 070 G2M

Isplen[®] PP 070 G2M is a polypropylene homopolymer with a medium-high fluidity intended for injection moulding. It is characterised by good flow properties that enables to fill the mould easier.

Isplen[®] PP 070 G2M is easy to process with standard injection moulding machines in a wide range of temperatures (210 – 250 °C) depending on wall thickness, the shape of the piece and other design parameters. 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.
- Vacuum and cosmetic flasks.
- Toys and small appliances.
- Caps and closures.

PROPERTIES	METHOD	UNIT	VALUE
Physical			
Melt Flow Rate (230 °C; 2.16 kg)	ISO 1133	g/10 min	12
Density	ISO 1183	g/cm ³	0.905
Mechanical			
Flexural Modulus	ISO 178	MPa	1550
Izod Notched Impact Strength (23 °C)	ISO 180	kJ/m ²	4
Tensile strain at break	ISO 527	%	50
Thermal			
Heat Deflection Temperature	ISO 75/B	°C	85
Others			
Shore Hardness	ISO 868	D Scale	68

NB: values shown are averages and should not be taken as product specifications. They are obtained from standard specimens prepared by injection moulding and conditioned according to ISO methods.

Isplen[®] PP 070 G2M complies with the FDA regulations and European Union Directives regarding contact with foodstuffs. Further details can be supplied on request.

STORAGE

Isplen[®] PP 070 G2M should be stored in a dry atmosphere at temperatures below 60 °C, paved, drained and not flooded area and protected from UV radiation. Storage under improper conditions may initiate degradation processes, negatively influencing processability, properties and visual aspect of transformed article.

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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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