

ISPLEN® PP 070 G2M

Polypropylene Homopolymer
REPSOL

Message:

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 250°C. Processing conditions should be optimised for each production line.

General Information			
Features	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Colorability		
	Good Flow		
	Medium Flow		
Uses	Appliances		
	Caps		
	Closures		
	Food Containers		
	Packaging		
	Rigid Packaging		
	Toys		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 250	°C	

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