

# ISPLEN® PP 060 G1M

Polypropylene Homopolymer  
REPSOL

Message:

ISPLEN® PP 060 G1M is a polypropylene homopolymer with a medium-low fluidity intended for injection moulding applications that require fair impact resistance balanced with the typical stiffness of a homopolymer.

ISPLEN® PP 060 G1M is easy to process with standard injection moulding machines in a wide range of temperatures 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 060 G1M is used for injection moulding consumer goods such as:

Caps, lids and closures.

Components for spray dispensers.

Cool boxes.

Rigid packaging.

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 Chemical Resistance		
	Good Colorability		
	Medium Flow		
Uses	Caps		
	Closures		
	Lids		
	Packaging		
	Rigid Packaging		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	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	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m <sup>2</sup>	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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#### Recommended distributors for this material

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