

ISPLEN® PP 064 W1F

Polypropylene Homopolymer
REPSOL

Message:

ISPLEN® PP 064 W1F is a homopolymer polypropylene with medium melt flow rate. This product does not contain slip, antiblock additives neither Ca-stearate. The product is suitable for metallizable film.

Its structural characteristics and specific additivation make its processability and rheological properties especially suitable (pure or blended) for film transformation in high-speed equipment.

It is specially indicated for non-oriented film extrusion and provides excellent optical, mechanical and barrier properties. Excellent metal adhesion.

TYPICAL APPLICATIONS

Non oriented film extrusion processes, cast or tubular quench, such as:

Metallizable cast film.

Core-layer in co-extruded cast films

Packaging of foodstuffs and non-food stuffs

Stationery and textile packaging

Recommended melt temperature range from 190 - 250°C. Processing conditions should be optimised for each production line.

General Information			
Features	Barrier Resin		
	Food Contact Acceptable		
	Good Adhesion		
	Medium Flow		
	Metallizable		
	Opticals		
Uses	Cast Film		
	Film		
	Food Packaging		
	Packaging		
	Stationary Supplies		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Cast Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
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 ²	ISO 179
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B
Vicat Softening Temperature	138	°C	ISO 306/A
Melting Temperature	165	°C	ISO 11357-3
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 250	°C	

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