

# ISPLEN® PR 240 G1F

Polypropylene Random Copolymer  
REPSOL

Message:

ISPLEN® PR 240 G1F is a medium melt flow rate propylene-ethylene random copolymer, with a basic formulation, adapted for extrusion. It does not include any antistatic agent or nucleating additives in its formulation.

It can be easily coloured during the extrusion process using the right pigments, preferably in the form of concentrates with a higher melt flow rate than that of the base polymer.

TYPICAL APPLICATIONS

Sheets and thermoforming. Corrugated cardboard.

Non-oriented film, Cast-film

Flexible Pipes

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

General Information			
Features	Food Contact Acceptable		
	Good Colorability		
	Medium Flow		
Uses	Cast Film		
	Film		
	Non-oriented Film		
	Piping		
	Sheet		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Cast Film		
	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
	Thermoforming		
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)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	850	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B

Vicat Softening Temperature	135	°C	ISO 306/A
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 250	°C	

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