

# ISPLEN® PB 150 G1F

Polypropylene Impact Copolymer

REPSOL

## Message:

ISPLEN® PB 150 G1F is a medium fluidity heterophasic ethylene-propylene copolymer characterised by its good balance of properties: excellent impact strength, even at low temperatures, good stiffness, low gel level, good clarity films and easy processability. The particular characteristics of ISPLEN® PB 150 G1F offer a multi-purpose grade largely used in the consumer, packaging and a wide variety of appliance industries.

### TYPICAL APPLICATIONS

Non oriented film extrusion processes, cast or tubular quench:

Single layer films

Core-layer in co-extruded cast films

Packaging of foodstuffs and non-food stuffs

Stationery 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 Impact Resistance		
	Good Processability		
	Good Stiffness		
	Low Gel		
	Low Temperature Impact Resistance		
	Medium Flow		
Uses	Appliance Components		
	Cast Film		
	Film		
	Food Packaging		
	Packaging		
Agency Ratings	EU Food Contact, Unspecified Rating		
Processing Method	Cast Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1150	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)	82.0	°C	ISO 75-2/B
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 250	°C	

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

