

Isplen® Polypropylene

Chemicals

Technical data sheet



ISPLEN® PR240G1F

DESCRIPTION

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.

PROPERTIES	VALUE	UNIT	TEST METHOD
General			
Melt Flow Rate (230 °C; 2.16 kg)	3	g/10 min	ISO 1133
Density	905	kg/m ³	ISO 1183
Mechanical			
Flexural Modulus	850	MPa	ISO 178
Charpy Impact Strength Notched 23 °C	9	kJ/m ²	ISO 179
Thermal			
VICAT, 10N	135	°C	ISO 306
Heat Deflection Temperature 0.45MPa	75	°C	ISO 75

ISPLEN® PR240G1F complies with the European Directives regarding materials intended for contact with foodstuffs. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

STORAGE

ISPLEN® PR 240 G1F should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 60°C and protected from UV radiation. Storage under inappropriate conditions could initiate degradation processes which may have a negative influence on the processability and the properties of the transformed product.

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

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