

**REPSOL  
YPF**



**ISPLEN®  
POLYPROPYLENE**

## ISPLEN® PR 230 C1E

ISPLEN® PR 230 C1E is a medium-low melt flow rate propylene-ethylene random copolymer. It contains a basic additivition for general uses, compatible with any other that the transformer may wish to add.

### TYPICAL APPLICATIONS

In extrusion and blow-moulding processes that require high transparency and gloss:

- Sheet Extrusion
- Thermoforming
- Blow -moulding extrusion

ISPLEN® PR 230 C1E 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.

PROPERTIES	METHOD	UNIT	VALUE
<b>Physical</b>			
MFR (230°C/2.16Kg)	ISO 1133	g/10 min	1.6
Density	ISO 1183	g/cm <sup>3</sup>	0.902
<b>Mechanical (injection-moulded test-specimen)</b>			
Flexural Modulus	ISO 178	Mpa	800
Tensile Strength at Yield	ISO 527-2	Mpa	27
Elongation at Yield	ISO 527-2	%	14
Izod notched impact strength 23°C	ISO 180/1A	kJ/m <sup>2</sup>	12.5
<b>Thermal</b>			
Vicat 9.8N	ISO 306	°C	130
HDT 455KPa	ISO 75	°C	70

ISPLEN® PR 230 C1E complies with FDA standards and European Directives regarding contact with foodstuffs. For more information, please contact our Commercial Delegations.

### STORAGE

ISPLEN® PR230 C1E should be stored in a dry atmosphere, paved, drained and not flooded area, at temperatures under 60°C, protected from UV radiation. Storage under improper conditions could trigger off degradation processes, negatively influencing 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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