

**REPSOL
YPF**

**ISPLEN
POLYPROPYLENE**

ISPLEN® PP 086 Y1E

ISPLEN® PP 086 Y1E is a high melt flow rate polypropylene homopolymer with a specific formulation resistant to "Gas fading" coloration, compatible with any other that the transformer may wish to add, and which guarantees stability of the polymer under normal processing and use conditions. It has a narrow molecular weight distribution.

TYPICAL APPLICATIONS

- Specially recommended for staple fibre and multifilament extrusion in high speed equipment.

ISPLEN® PP 086 Y1E 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	MÉTHOD	UNITY	VALUE
Physical			
MFR (230°C/2.16 Kg)	ISO 1133	g/10 min	25
Density	ISO 1183	g/cm ³	0.903
Melt Temperature	ISO 11357-3	°C	165
Mechanical (injection-moulded test-specimens)			
Flexural Modulus	ISO 178	MPa	1600
Tensile Strength at Yield	ISO 527-2	MPa	36
Elongation at Yield	ISO 527-2	%	6
Izod notched impact strength 23°C	ISO 180/1A	kJ/m ²	3
Thermal			
Vicat 9.8/49N	ISO 306	°C	153 / 98
HDT 455/1820 KPa	ISO 75	°C	90 / 59

ISPLEN® PP 086 Y1E complies with FDA standards and European Directives regarding contact with foodstuffs. For more information, please contact our Commercial Delegations.

STORAGE

ISPLEN® PP086 Y1E 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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