



PP REPSOL ISPLEN PP089Y1E

The grade REPSOL ISPLEN PP089Y1E is a high melt flow rate polypropylene homopolymer with narrow molecular weight distribution which provides optimum processing in fibre lines of high speed and large production capacity (BCF/CF and spunbond). It includes a specific formulation resistant to “gas fading” coloration, suitable for protecting the polymer during extrusion process and final use.

Applications

- Indicated for the extrusion of staple fibre and BCF/CF in lines of high speed.
- Specially recommended for hygienic nonwovens in spunbond lines of the latest generation.

Recommended melt temperature range from 190 to 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)	31	g/10 min	ISO 1133
Density	905	kg/m ³	ISO 1183
Mechanical			
Flexural Modulus	1.650	MPa	ISO 178
Tensile Strength at Yield	36	MPa	ISO 179
Thermal			
VICAT, 10N	153	°C	ISO 306
Heat Deflection Temperature 0.45MPa	90	°C	ISO 75

REPSOL ISPLEN PP089Y1E complies with the European Directives regarding materials intended for contact with foodstuffs. The product mentioned herein is not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

Storage

REPSOL ISPLEN PP089Y1E 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 or undesired migration of additives included in its formulation which may have a negative influence on the processability and properties of the transformed product.

January 2017