

Pakro Kimya Dış Ticaret A.Ş.

İstoç Ticaret Merkezi Aktem Plaza Kat:5 Daire:33 Bağcılar/İstanbul

Technical data sheet

Chemicals



PP REPSOL ISPLEN PB170G2M

REPSOL ISPLEN PB170G2M is a medium-high fluidity heterophasic copolymer characterised by its good balance of properties. Its molecular structure determines low viscosity and very good flow that permits to fill complex or large moulds with long flow paths obtaining short cycle times and an excellent balance of impact strength and high stiffness to allow the manufacturing of thin-walled articles with good mechanical resistance.

Applications

The particular characteristics of REPSOL ISPLEN PB170G2M offer a multi-purpose grade intended for use in applications in which high mechanical properties are appreciated in addition with good processability:

- Domestic and leisure furniture.
- Square boxes and round storage containers for consumer appliances.
- Lids, caps and closures.
- Industrial components: toys, sports, leisure, automotive, storage organizers, packaging...

Recommended melt temperature range from 190 to 250°C. Processing conditions should be optimised for each production line.

PROPERTIES		VALUE	UNIT	MÉTHOD
General Melt flow rate (230°C/ 2,16 kg) Density at 23°C		12 905	g/10 min kg/m ³	ISO 1133 ISO 1183
Mechanical Flexural modulus of elasticity Charpy impact strength (23°C,notched))	1.200 8	MPa kJ/m²	ISO 178 ISO 179
Thermal HDT 0,45 MPa		85	°C	ISO 75
Others Shore Hardness		62		ISO 868

REPSOL ISPLEN PB170G2M 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.

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. Technical Service and Development: Repsol Technology Centre Ctra. de Extremadura AS, Km 18 28931 Móstoles. Madrid Tel. +34 91 753 86 00 atd_poliolefinas@repsol.com **Headquarters:** Méndez Álvaro, 44 28045 Madrid Spain www.chemicals.repsol.com Customer Care: sacrq@repsol.com

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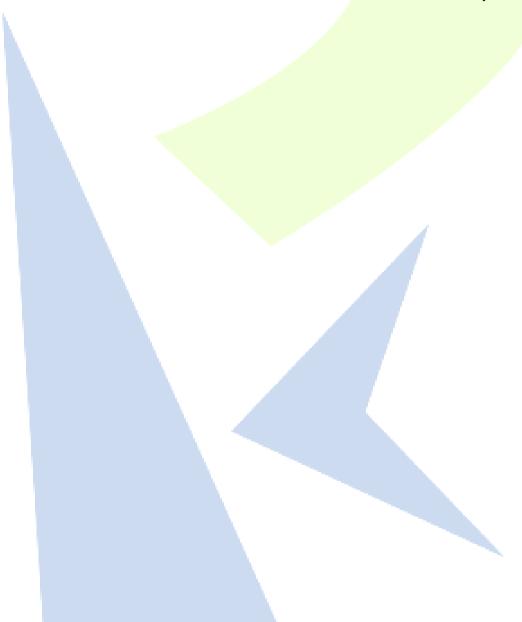
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Storage

REPSOL ISPLEN PB170G2M 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.

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Technical Service and Development:

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