PP REPSOL ISPLEN PB195K3M

REPSOL ISPLEN PB195K3M is a very high fluidity heterophasic copolymer intended for injection moulding applications. It is characterised by its very high stiffness and excellent impact properties in a grade with a high melt flow index value.

It is a nucleated grade and, in addition, its special antistatic formulation provides good long-term aesthetic appearance and easy demoulding, allowing to achieve faster cycle times.

Applications

The particular characteristics of REPSOL ISPLEN PB195K3M provide a grade with excellent balance of mechanical properties with very high stiffness and excellent impact properties, as well as a good dimensional stability. It is widely used in:

- Pails
- Domestic and leisure furniture.
- Square boxes and round storage containers for consumer appliances.
- Thin-walled containers for exhibiting food products: ice creams, fast food, dairy products...
- Flowerpots, buckets, storage organizers, waste containers, trays...

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

PROPERTIES	VALUE	UNIT	MÉTHOD
General			
Melt flow rate (230°C/ 2,16 kg)	45	g/10 min	ISO 1133
Density at 23ºC	905	kg/m^3	ISO 1183
Mechanical			
Flexural modulus of elasticity	1.500	MPa	ISO 178
Charpy impact strength (23°C,notched)	7,5	kJ/m^2	ISO 179
Thermal			
HDT 0,45 MPa	100	ºC	ISO 75
Others			
Shore Hardness	67	-	ISO 868

REPSOL ISPLEN PB195K3M 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.

Technical Service and Development:
Repsol Technology Centre
Ctra. de Extremadura A5, 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

Storage

REPSOL ISPLEN PB195K3M should be stored in a dry atmosphere, on a paved, drained and not flooded area, at temperatures under 60ºC 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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