

Pakro Kimya Dış Ticaret A.Ş.

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





ISPLEN[®] PB 300 A3M is a very high fluidity heterophasic copolymer characterised by its excellent flow properties and good balance of mechanical properties, impact strength and high stiffness. It is particularly suitable for injection moulding applications used in the manufacture of very thin walled articles.

ISPLEN[®] PB 300 A3M provides a specific molecular structure that allows the articles made with PB 199 A3M exhibit a low tendency to warp, ultra light flow and high dimensional stability. Antistatic additive package also facilitates material processing, reduces internal stresses and makes the articles extraction from the mould easier reaching high cadence of production.

TYPICAL APPLICATIONS

The specific characteristics of ISPLEN[®] PB 300 A3M are particularly suitable for applications with very thinwalled articles as:

- Containers for exhibiting food products: ice creams, dairy products...
- Trays, boxes, cups and rounded containers for processed food.
- Flowerpots, buckets, waste containers, lids, caps, cosmetic flasks...
- Video boxes. Cases for DVD, CD-R, CD-RW and optical storage systems.

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

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PROPERTIES		VALUE	UNIT	TEST METHOD
General				
Melt Flow Rate (230 °C; 2.16 k	a)	80	g/10 min	ISO 1133
Density	.97	905	kg/m ³	ISO 1183
Mechanical				
Flexural Modulus		1250	MPa	ISO 178
Charpy Impact Strength Notch	ed (23 °C)	5	kJ/m ²	ISO 179
Thermal				
Heat Deflection Temperature C	.45MPa	90	°C	ISO 75
Others				
Shore Hardness		62	D Scale	ISO 868

ISPLEN[®] PB 300 A3M complies with the European Directives regarding materials intended for contact with foodstuffs. For further information, please contact our Technical Service and Development Laboratory or our Customer Care Service.

STORAGE

ISPLEN[®] PB 300 A3M 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 which may have a negative influence on the 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. Technical Service and Development: Repsol Technology Centre Ctra. de Extremadura A5, Km 18 28931 Móstoles. Madrid Tel. +34 91 348 86 00 Fax: +34 91 530 45 17 atdpo@repsol.com Headquarters: P° de la Castellana, 280 28046 Madrid Spain Tel. +34 91 348 29 56 www.chemicals.repsol.com Customer Care: sacrq@repsol.com