



ISPLEN® PB195K3M (Provisional)

Isplen® PB 195 K3M is a very high fluidity heterophasic copolymer characterised by its excellent flow properties suitable for injection moulding. Articles manufactured with PB195K3M will show very high stiffness combined with excellent impact properties.

Isplen® PB 195 K3M provides a tailored molecular structure allowing to the articles exhibit a low tendency to warp. Its special antistatic formulation provides good long-term aesthetic appearance and easy demoulding, reaching faster cycle times.

TYPICAL APPLICATIONS

The particular characteristics of **Isplen® PB 195 K3M** 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...

PROPERTIES	METHOD	UNIT	VALUE
Physical			
Melt Flow Rate (230 °C; 2.16 kg)	ISO 1133	g/10 min	45
Density	ISO 1183	g/cm ³	0.905
Mechanical			
Flexural Modulus	ISO 178	MPa	1500
Charpy Notched Impact Strength (23 °C)	ISO 179	kJ/m ²	7
Thermal			
Heat Deflection Temperature	ISO 75/B	°C	94
Otras			
Shore Hardness	ISO 868	D Scale	65

NB: values shown are averages and should not be taken as product specifications. They are obtained from standard specimens prepared by injection moulding and conditioned according to ISO methods.

Isplen® PB 195 K3M complies with the FDA regulations and European Union Directives regarding contact with foodstuffs. Further details can be supplied on request.

STORAGE

Isplen® PB 195 K3M should be stored in a dry atmosphere at temperatures below 60 °C, paved, drained and not flooded area and protected from UV radiation. Storage under improper conditions may initiate degradation processes, negatively influencing processability, properties and visual aspect of transformed article.

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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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