Technical Data Sheet
Chemicals

REPSOL ISPLEN PP080A

Polypropylene homopolymer with high melt flow rate for injection applications.

ISPLEN PP080A shows a high stiffness and a low warpage shrinkage behaviour. This product is standard stabilised and also antistatic formulated. It also contains UL 94 certification.

Applications

- Small domestic containers.
- Rigid packages.
- Small boxes for cosmetic.
- Gardens furniture.

PROPERTIES	VALUE	UNIT	TEST METHOD
GENERAL			
Melt flow rate (230ºC / 2.16 kg)	20	g/10min	ISO 1133
Density at 23ºC	927	kg/m^3	ISO 1183
MECHANICAL			
Flexural Modulus of elasticity	1520	MPa	ISO 178
Charpy Impact Strength (23ºC, notched)	2,8	kJ/m^2	ISO 179
Charpy Impact Strength (-20ºC, notched)	1,4	kJ/m^2	ISO 179
Izod Impact Strength (23ºC, notched/unnotched)	2,7	kJ/m^2	ISO 180
OTHER			
HDT (T_{ff} 0,45 MPa)	81	ºC	ISO 75
HDT (T_{ff} 1,8 MPa)	56	ºC	ISO 75

Storage

El ISPLEN PP080A should be stored in dry atmosphere paved, drained and not flooded area at temperatures under 60 ºC and protected from UV radiation. Storage under improper conditions could trigger off degradation processes, negatively influencing processability and properties of the transformed product.

Disclaimer

This grade complies with the European regulations for materials for use in food contact. This grade is not intended to be used in medical, pharmaceutical, or healthcare applications, therefore Repsol does not authorize its use in them.

Repsol does not grant express or implicit guarantees that extend beyond the description contained herein. Nothing herein shall constitute any guarantee of merchantability or fitness for a particular purpose. Before using a product sold

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 registeres desings cannot be assumed.

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All our polyolefins are recyclable

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by Repsol, users must make their own independent determination that the product is safe, legal, and technically suitable for its intended use. Repsol does not assume any responsibility for the use of its materials together with other materials.

Related documents

The following related documents are available on request, and represent various aspects on the usability and safety of the product:

- Safety data sheet
- Statement on compliance with food contact regulations

Recommended consumption period: 12 months from the raw material reception

January 2023

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