

## Technical data sheet

Chemicals



# PP REPSOL ISPLEN PP080G2M

REPSOL ISPLEN PP080G2M is a homopolymer grade with a high fluidity intended for injection moulding. It is characterised by good flow properties that enables to fill the mould easier and by short cycle times with big articles. Articles manufactured with this grade have excellent chemical resistance, are easily decorated and can accept different colouring systems.

### Applications

REPSOL ISPLEN PP080G2M is widely used for the production of consumer goods such us:

- Food containers and rigid packaging.
- Vacuum and cosmetic flasks.
- Garden and domestic furniture
- Base product for compounds

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

PROPERTIES	VALUE	UNIT	MÉTHOD
<b>General</b> Melt flow rate (230°C/ 2,16 kg) Density at 23°C	20 905	g/10 min kg/m³	ISO 1133 ISO 1183
<b>Mechanical</b> Flexural modulus of elasticity Charpy impact strength (23°C,notched)	1.600 3	MPa kJ/m²	ISO 178 ISO 179
<b>Thermal</b> HDT 0,45 MPa	85	°C	ISO 75
<b>Others</b> Shore Hardness	70	-	ISO 868

REPSOL ISPLEN PP080G2M 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.

### Storage

REPSOL ISPLEN PP080G2M 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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