



ISPLEN® PM252 AS

Polypropylene copolymer, 20% mineral fillers reinforced and good melt flow rate.

ISPLEN® PM252 AS gives a high impact resistance even at low temperatures showing a good stiffness, and a low warpage and shrinkage behaviour.

APPLICATIONS

- Automotive: Under the bonnet parts subjected to high thermal stress (Light housings, heat and ventilation ducts).
- Electrical appliances.
- Technical pieces, in general.

PROPERTIES		VALUE	UNIT	METHOD
General				
MFI (230°C, 2.16Kg)		5,0	g/10min	ISO 1133
Density		1,04	g/cm ³	ISO 1183
Mechanical				
Flexural Modulus of Elasticity		2500	MPa	ISO 178
Tensile Strength at Yield		25	MPa	ISO 527-2
Elongation at Yield		5	%	ISO 527-2
Izod Impact Strength	23 °C notched / unnotched	6 / 55	kJ/m ²	ISO 180
	0 °C notched / unnotched	3 / 28	kJ/m ²	ISO 180
	-20°C notched / unnotched	2,5 / 18	kJ/m ²	ISO 180
Thermal				
Vicat (10N, 120°/h)		150	°C	ISO 306
Vicat (50N, 120°/h)		75	°C	ISO 306
HDT (T _R 0,45 MPa)		73	°C	ISO 75
HDT (T _R 1,8 MPa)		65	°C	ISO 75
Others				
Shrinkage (S _{mp} /S _{mn})		0.67 – 0.65	%	ISO 294-4
Shore D Hardness, 15s		65	°Shore	ISO 868

STORAGE

El ISPLEN® PM 252 AS should be stored in dry atmosphere paved, drained and not flooded area at temperatures under 60 °C and protected from UV radiation. Storage under improper conditions could trigger off degradation processes, negatively influencing processability and 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.

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