

Isplen® Polypropylene

Chemicals

Technical data sheet



ISPLEN® PM366 AV

Polypropylene copolymer with 25% mineral fillers reinforced and elastomer modified.

ISPLEN® PM366 AV gives a good compromise between stiffness and impact strength, low warpage and shrinkage behaviour.

The product is UV stabilised.

APPLICATIONS

- Automotive: Interior panels and pillars, exterior savers...
- Technical pieces, in general.

PROPERTIES		VALUE	UNIT	TEST METHOD
General				
MFI (230°C, 2.16Kg)		8	g/10min	ISO 1133
Density		1,07	g/cm ³	ISO 1183
Mechanical				
Flexural Modulus of Elasticity		2300	MPa	ISO 178
Tensile Strength at Yield		20	MPa	ISO 527-2
Elongation at Yield		4	%	ISO 527-2
Charpy Impact Strength	23 °C notched / unnotched	8 / NB	KJ/m ²	ISO 179
	0 °C notched / unnotched	4 / 50	KJ/m ²	ISO 179
	-20°C notched / unnotched	3 / 40	KJ/m ²	ISO 179
Izod Impact Strength	23 °C notched / unnotched	8.5 / 80	KJ/m ²	ISO 180
	0 °C notched / unnotched	3.75 / 35	KJ/m ²	ISO 180
	-20°C notched / unnotched	3.25 / 20	KJ/m ²	ISO 190
Thermal				
Vicat (10N, 120°/h)		143	°C	ISO 306
Vicat (50N, 120°/h)		64	°C	ISO 306
Others				
Shrinkage, 150x100x3mm		0,9 – 1,2	%	ISO 2577
Shore D Hardness, 15s		59	°Shore	ISO 868

STORAGE

El ISPLEN® PM 366 AV 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.

December 2013

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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