



ISPLEN® PM284 AV

Polypropylene copolymer, 20% mineral fillers reinforced and high processability.

ISPLEN® PM284 AV shows high stiffness and good impact strength. It gives good aesthetic properties and high gloss surface. This product is UV stabilised.

APPLICATIONS

- Automotive: Interior trims and panels.
- Technical pieces, in general.

PROPERTIES	VALUE	UNIT	METHOD
General			
MFI (230°C, 2.16Kg)	20	g/10min	ISO 1133
Density	1,04	g/cm ³	ISO 1183
Mechanical			
Flexural Modulus of Elasticity	2350	MPa	ISO 178
Tensile Modulus of Elasticity	2000	MPa	ISO 527-2
Tensile Strength at Break	19,5	MPa	ISO 527-2
Elongation at Break	22	%	ISO 527-2
Tensile Strength at Yield	24	MPa	ISO 527-2
Elongation at Yield	4	%	ISO 527-2
Charpy Impact Strength	23 °C notched / unnotched	3 / 50	KJ/m ²
	0 °C notched / unnotched	2 / 30	KJ/m ²
	-20°C notched / unnotched	1,8 / 25	KJ/m ²
Izod Impact Strength	23°C notched / unnotched	4 / 40	KJ/m ²
Thermal			
Vicat (10N, 120°/h)	148	°C	ISO 306
Vicat (50N, 120°/h)	76	°C	ISO 306
HDT (T _H 0,45 MPa)	95	°C	ISO 75
HDT (T _H 1,8 MPa)	59	°C	ISO 75
Others			
Shrinkage, 150x100x3mm	0,63 – 0,75	%	ISO 2577
Shore D Hardness, 15s	65	°Shore	ISO 868

STORAGE

El ISPLEN® PM 284 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.

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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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