

ISPLEN® PM 366 AV

Polypropylene Copolymer

REPSOL

Message:

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.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Good Stiffness		
	Low Warpage		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Automotive Interior Parts		
	Engineering Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage ¹	0.90 to 1.2	%	ISO 2577
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	59		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	3.0	kJ/m ²	
0°C	4.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-20°C	40	kJ/m ²	
0°C	50	kJ/m ²	

23°C	No Break		
Notched Izod Impact Strength			ISO 180
-20°C	3.3	kJ/m ²	
0°C	3.8	kJ/m ²	
23°C	8.5	kJ/m ²	
Unnotched Izod Impact Strength			ISO 180
-20°C	20	kJ/m ²	
0°C	35	kJ/m ²	
23°C	80	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	143	°C	ISO 306/A120
--	64.0	°C	ISO 306/B120
NOTE			
1.	150x100x3mm		

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