

MAJORIS MA201T

Polypropylene

AD majoris

Message:

MA201T is a 20% mineral reinforced, PP compound intended for extrusion..

APPLICATIONS

MA201T is recommended for the extrusion of profiles (building, electrical, furniture and construction profiles or pipes). Products made from this material show a high dimensional stability and low process shrinkage.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Good Dimensional Stability		
	Low Shrinkage		
	Recyclable Material		
Uses	Building Materials		
	Construction Applications		
	Electrical/Electronic Applications		
	Furniture		
	Piping		
	Profiles		
Forms	Pellets		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ISO 527-2/1
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	49	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Extrusion	Nominal Value	Unit	

Drying Temperature	80.0	°C
Drying Time	9.0	hr
Cylinder Zone 1 Temp.	190 to 230	°C
Cylinder Zone 3 Temp.	190 to 230	°C
Cylinder Zone 5 Temp.	190 to 230	°C
Melt Temperature	200 to 230	°C
Head Temperature	200 to 230	°C
Die Temperature	200 to 230	°C
NOTE		

1. 2.0 mm/min

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