

MAJORIS AT360

Polypropylene Copolymer

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Message:

AT360 is a filled talc reinforced, high molecular weight, low melt index flow rate polypropylene block copolymer with a very high stiffness at a good level of impact strength.

APPLICATIONS

AT360 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	Talc
Features	Block Copolymer
	Good Dimensional Stability
	Good Impact Resistance
	High Molecular Weight
	High Stiffness
	Low Flow
	Low Shrinkage
	Recyclable Material
Uses	Building Materials
	Construction Applications
	Electrical/Electronic Applications
	Furniture
	Piping
	Profiles
Forms	Pellets
Processing Method	Extrusion
	Pipe Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.60	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3090	MPa	ISO 527-2/1
Tensile Stress (Yield)	28.2	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.4	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method

Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.7	kJ/m ²	
23°C	11	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	75.0	°C	ISO 306/B
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	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	

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