

# MAJORIS AT397

Polypropylene Copolymer

AD majoris

## Message:

AT397 is a 30 % mineral filled, low melt index flow rate, polypropylene block copolymer with a very good impact strength and UV stabilised .

### APPLICATIONS

AT397 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,30% Filler by Weight
Additive	Impact Modifier
	UV Stabilizer
Features	Block Copolymer
	Good Dimensional Stability
	Good Impact Resistance
	Good UV Resistance
	Impact Modified
	Low Flow
	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	1.13	g/cm <sup>3</sup>	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	2150	MPa	ISO 527-2/1
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/50

Tensile Strain (Yield)	8.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	8.0	kJ/m <sup>2</sup>	
23°C	38	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
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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#### Recommended distributors for this material

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