MAJORIS AT367

Polypropylene Copolymer

AD majoris

Message:

AT367 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 and UV stabilised .
APPLICATIONS
AT367 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
Additive	UV Stabilizer
Features	Block Copolymer Good Dimensional Stability Good Impact Resistance Good UV 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)	0.70	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/m²	
23°C	11	kJ/m²	
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	

Recommended distributors for this material

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