MAJORIS AE267 - 8229

Polypropylene Copolymer

AD majoris

Message:

AE267 - 8229 is a black mineral filled, low melt flow rate polypropylene copolymer with a good stiffness, a very high level of impact strength and UV stabilized .
APPLICATIONS
AE267 - 8229 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
Additive	UV Stabilizer
Features	Copolymer Good Dimensional Stability Good Stiffness Good UV Resistance High Impact Resistance Low Flow Low Shrinkage Recyclable Material
Uses	Building Materials Construction Applications Electrical/Electronic Applications Furniture Piping Profiles
Appearance	Black
Forms	Pellets
Processing Method	Extrusion Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.04	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	2290	MPa	ISO 527-2/1
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Break)	130	%	ISO 527-2/50

Flexural Modulus [1]	2100	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	34	kJ/m^2	ISO 179/1eA
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	
NOTE			
1.	2.0 mm/min		

Recommended distributors for this material

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