

# MAJORIS EW886

Polypropylene

AD majoris

## Message:

EW886 is a greyish black, mineral filled magnetized polypropylene compound intended for injection moulding.

The product is only available in naturally greyish black.

EW886 has been developed for magnetic applications provide adherence to magnetized steel and can be used magnetic signal systems, low shrinkage & warpage good surface finish and good flow properties are necessary.

This product can be used in dissolution.

## APPLICATIONS

Magnetic products, such as:

Automotive

Building and construction

Technical components

General Information			
Filler / Reinforcement	Mineral filler		
Features	Magnetizable		
	Low warpage		
	Recyclable materials		
	Good liquidity		
	Low shrinkage		
	Excellent appearance		
Uses	Building materials		
	Architectural application field		
	Application in Automobile Field		
Appearance	Grey		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	3.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6750	MPa	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Flexural Modulus	4050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	33	kJ/m <sup>2</sup>	ISO 179/1U
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, not annealed	95.0	°C	ISO 75-2/B
1.8 MPa, not annealed	70.0	°C	ISO 75-2/A
Thermal Conductivity	0.90	W/m/K	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	IEC 60093
Volume Resistivity	1.0E+7	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 - 270	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

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#### Recommended distributors for this material

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