

# MAJORIS EB652 - 1199

Polypropylene

AD majoris

## Message:

EB652 - 1199 is a white, 60% mineral filled polypropylene compound intended for injection moulding.

The product is available in black (EB652-8229) and natural (EB652) but other colours can be supplied on request.

EB652 - 1199 has been developed especially for the technical applications requiring very good sound insulation properties.

## APPLICATIONS

Automotive components:

Parts requiring noise absorption

Parts between engine and interior compartment

Technical components

EB652 - 1199 gives excellent properties for the parts requiring excellent rigidity, low shrinkage and high dimensional stability with good antistatic performance.

General Information			
Filler / Reinforcement	Mineral filler, 60% filler by weight		
Features	Good dimensional stability		
	Rigidity, high		
	Noise reduction		
	Antistatic property		
	Recyclable materials		
	Low shrinkage		
Uses	Sound insulation		
	Application in Automobile Field		
Appearance	White		
	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.85	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.0	MPa	ISO 527-2/50
Tensile Strain (Break)	3.0	%	ISO 527-2/50
Flexural Modulus <sup>1</sup>	3700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method

Charpy Notched Impact Strength (23°C)	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	112	°C	ISO 75-2/B
Flammability	Nominal Value		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			
NOTE			
1.	2.0 mm/min		

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#### Recommended distributors for this material

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