

# MAJORIS DE278

Polypropylene  
AD majoris

Message:

DE278 is a 20% mineral filled, polypropylene compound, elastomer modified intended for injection moulding.  
DE278 has been developed especially for applications requiring excellent impact strength and very good surface quality.  
The product is available in natural and black (DE278 - 8229) but other colours can be provided on request.

- APPLICATION
- Household appliances
  - Automotive industry
  - Electrical applications

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Impact resistance, high		
	Recyclable materials		
	Excellent appearance		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Application in Automobile Field		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Flexural Modulus <sup>1</sup>	1220	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	98.0	°C	ISO 75-2/B

Flammability	Nominal Value	Test Method
Flame Rating	HB	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	210 - 250	°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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