

MAJORIS EEX850

Polypropylene

AD majoris

Message:

EEX850 is a 85% mineral filled, polypropylene compound, elastomer modified intended for injection moulding. EEX850 has been developed especially for applications requiring excellent impact strength and high density.

General Information			
Filler / Reinforcement	Mineral filler, 85% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	High density		
	Impact resistance, high		
	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	2.80	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	635	MPa	ISO 527-2/1
Tensile Stress (Yield)	11.0	MPa	ISO 527-2/50
Tensile Strain (Break)	45	%	ISO 527-2/50
Flexural Modulus ¹	710	MPa	ISO 178
Flexural Stress ²	17.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	17	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
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
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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