

MAJORIS DT260

Polypropylene

AD majoris

Message:

MAJORIS DT260 is a polypropylene product that contains 20% mineral fillers. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

Flame Retardant

environmental protection/green

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Recyclable materials		
	Flame retardancy		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Yield	33.0	MPa	ISO 527-2/50
Fracture	28.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2/50
Yield	7.0	%	ISO 527-2/50
Fracture	22	%	ISO 527-2/50
Flexural Modulus ¹	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	122	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	122	°C	ISO 306/A50
--	63.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	4.0	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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