

MAJORIS DWB304X

Polypropylene

AD majoris

Message:

MAJORIS DWB304X is ultra low weight reinforced polypropylene compound intended for injection moulding.

The product is available in natural, but other colours can be provided on request.

MAJORIS DWB304X has been developed especially for demanding applications in automotive industry and various engineering sectors.

MAJORIS DWB304X has very low density, high rigidity, good dimensional stability and good aspect surface.

APPLICATIONS

Products requiring low density and high mechanical properties.

General Information			
Features	Good dimensional stability		
	Low density		
	Rigidity, high		
	Recyclable materials		
Uses	Application in Automobile Field		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.945	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5400	MPa	ISO 527-2/1
Tensile Stress (Yield)	80.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.4	%	ISO 527-2/50
Flexural Modulus ¹	4850	MPa	ISO 178
Flexural Stress	127	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	39	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	40.0 - 80.0	°C	
Processing (Melt) Temp	230 - 270	°C	
Mold Temperature	30.0 - 60.0	°C	

Injection Rate	Moderate	
Holding Pressure	30.0 - 60.0	MPa
Injection instructions		
Back pressure: as low as possibleScrew speed: Low to medium		
NOTE		
1.	2.0 mm/min	

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Recommended distributors for this material

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