

# MAJORIS DBF334X/8

Polypropylene

AD majoris

Message:

MAJORIS DBF334X/8 is a high performance reinforced polypropylene compound intended for injection moulding. The product is available in natural, but other colours can be provided on request.

APPLICATIONS

MAJORIS DBF334X/8 is intended for components that require good impact strength, rigidity and dimensional stability.

Suitable applications are:

Electrical tool and appliance components

Miscellaneous automotive technical items

Household articles

General Information			
Features	Good dimensional stability		
	Impact resistance, good		
	Recyclable materials		
	Medium hardness		
Uses	Electrical/Electronic Applications		
	Power/other tools		
	Home appliance components		
	Household goods		
	Application in Automobile Field		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Molding Shrinkage	0.75	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6080	MPa	ISO 527-2/1
Tensile Stress (Yield)	83.0	MPa	ISO 527-2/50
Tensile Strain (Break)	2.7	%	ISO 527-2
Flexural Modulus <sup>1</sup>	5050	MPa	ISO 178
Flexural Stress	124	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m <sup>2</sup>	ISO 179/1eA

Charpy Unnotched Impact Strength (23°C)	37	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	166	°C	ISO 75-2/B
1.8 MPa, not annealed	151	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	200 - 220	°C	
Processing (Melt) Temp	210 - 260	°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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