

# MAJORIS BGR310 - 8229

Polypropylene

AD majoris

## Message:

MAJORIS BGR310-8229 is a polypropylene product, which contains a 30% glass fiber reinforced material. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

environmental protection/green

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0 - 8.0	g/10 min	ISO 1133
Molding Shrinkage	0.40 - 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus <sup>1</sup>	5700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	5.0	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	6.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	22	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	159	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	230 - 270	°C	
Mold Temperature	30.0 - 70.0	°C	
Injection Rate	Slow-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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