

# MAJORIS DN060 BLACK 8229

Polypropylene Copolymer

AD majoris

Message:

DN060 BLACK 8229 is a polypropylene heterophasic copolymer (block copolymer) characterised by high impact strength combined with high stiffness . The product is available in beige (DN060 BLACK 8229) but other colours can be supplied on request.

APPLICATIONS

DN060 BLACK 8229 has been developed especially for demanding applications in automotive industry.

General Information			
Features	Block Copolymer		
	High Impact Resistance		
	High Stiffness		
	Recyclable Material		
Uses	Automotive Applications		
Appearance	Beige		
	Black		
	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	91		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1400	MPa	ISO 527-2/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.5	kJ/m <sup>2</sup>	
23°C	9.0	kJ/m <sup>2</sup>	
Multi-Axial Instrumented Impact Energy			ISO 6603-2
-20°C, Total Penetration Energy	10.0	J	
0°C, Total Penetration Energy	13.0	J	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	92.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 260	°C	
Mold Temperature	10.0 to 30.0	°C	
Injection Rate	Fast		
Holding Pressure	20.0 to 50.0	MPa	

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#### Recommended distributors for this material

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