

MAJORIS EN060 - 8139

Polypropylene Copolymer

AD majoris

Message:

EN060 - 8139 is a heterophasic copolymer (block copolymer) characterised by high impact strength combined with high stiffness and good flow properties.

The product is available in grey (EN060 - 8139) but other colours can be supplied on request.

EN060 - 8139 has got additive formulation giving low taste and odour as well as good processability and demoulding properties. This makes it, combined with a high gloss, an excellent choice for household and packaging articles

APPLICATIONS

EN060 - 8139 has been developed especially for demanding applications in automotive industry.

General Information			
Additive	Unspecified Additive		
Features	Block Copolymer		
	Food Contact Acceptable		
	Good Flow		
	Good Mold Release		
	Good Processability		
	High Gloss		
	High Impact Resistance		
	High Stiffness		
	Low to No Odor		
	Low to No Taste		
Recyclable Material			
Uses	Automotive Applications		
	Household Goods		
	Packaging		
Appearance	Colors Available		
	Grey		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	86		ISO 2039-2

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1250	MPa	ISO 527-2/1
Tensile Stress (Yield)	25.0	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	4.0	kJ/m ²	
23°C	8.0	kJ/m ²	
Multi-Axial Instrumented Impact Energy			ISO 6603-2
-20°C, Total Penetration Energy	25.0	J	
0°C, Total Penetration Energy	35.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°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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