

MAJORIS FN055 - 8487

Polypropylene
AD majoris

Message:

MAJORIS FN055 - 8487 is a high performance polypropylene for injection moulding.
MAJORIS FN055 - 8487 an unique balance of properties for high speed injection moulding allowing fast cycle due to high de-moulding temperature as well as reduced cooling time.
The product is available in black (MAJORIS FN055 - 8229) but other colours can be provided on request.

APPLICATIONS

- Automotive parts
- Packaging
- Houseware

General Information			
Features	Fast Molding Cycle		
	Recyclable Material		
Uses	Automotive Applications		
	Household Goods		
	Packaging		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	112		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1
Tensile Stress (Yield)	40.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	122	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method

Flame Rating	HB	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	15.0 to 60.0	°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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