

# MAJORIS FN005X - 8581

Polypropylene

AD majoris

Message:

MAJORIS FN005X - 8581 is a high performance polypropylene for injection moulding.  
MAJORIS FN005X - 8581 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 FN005X - 8229) but other colours can be provided on request.

APPLICATIONS

- Automotive parts
- Packaging
- Houseware
- Containers and products with medium to long flow length

General Information			
Features	Fast Molding Cycle		
	Recyclable Material		
Uses	Automotive Applications		
	Containers		
	Household Goods		
	Packaging		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	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 <sup>2</sup>	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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