

McCann PP M10GHPPCC

Polypropylene Homopolymer

McCann Plastics Inc.

Message:

McCann PP M10GHPPCC is a Polypropylene Homopolymer (PP Homopolymer) product filled with 10% glass fiber. It is available in North America. Applications of McCann PP M10GHPPCC include appliances, automotive and household applications. Characteristics include:

- Chemically Coupled
- Good UV Resistance
- Heat Resistant
- High Stiffness
- Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	UV Stabilizer		
Features	Chemically Coupled		
	General Purpose		
	Good Flow		
	Good Impact Resistance		
	Good UV Resistance		
	High Stiffness		
	Homopolymer		
Uses	Medium Heat Resistance		
	Appliances		
	Automotive Applications		
	General Purpose		
	Lawn and Garden Equipment		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.2	MPa	ASTM D638

Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus - Tangent	2760	MPa	ASTM D790
Flexural Strength	81.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Gardner Impact	0.452	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	141	°C	
1.8 MPa, Unannealed	121	°C	

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