

McCann PP M40TCPP10

Polypropylene Copolymer

McCann Plastics Inc.

Message:

Talc Filled 40%, Polypropylene Copolymer / Lawn & Garden, Furniture, Appliance, Automotive, and general purpose applications requiring good stiffness, medium flow, and medium impact. Custom color and UV stabilized versions also available.

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Copolymer		
	General Purpose		
	Good Flow		
	Good Stiffness		
	Medium Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	General Purpose		
	Lawn and Garden Equipment		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 to 1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	86		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	25.5	MPa	ASTM D638
Tensile Elongation (Break)	17	%	ASTM D638
Flexural Modulus - Tangent	1930	MPa	ASTM D790
Flexural Strength	39.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Gardner Impact	4.52	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load		ASTM D648
0.45 MPa, Unannealed	107	°C
1.8 MPa, Unannealed	55.6	°C
Flammability	Nominal Value	Test Method
Flame Rating	HB	UL 94

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Recommended distributors for this material

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