

McCann PP M40THPP10

Polypropylene Homopolymer

McCann Plastics Inc.

Message:

Excellent Heat Deflection Properties.
Talc Filled 40%, Polypropylene Homopolymer / Lawn & Garden, Industrial, Automotive, and general purpose applications requiring excellent stiffness and good flow. Custom color and UV stabilized versions also available.

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	General Purpose		
	Good Flow		
	Good Stiffness		
	Homopolymer		
	Medium Heat Resistance		
Uses	Automotive Applications		
	General Purpose		
	Industrial Applications		
	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	1.1 to 1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.7	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus - Tangent	3520	MPa	ASTM D790
Flexural Strength	54.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Gardner Impact	0.678	J	ASTM D3029

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	143	°C	
1.8 MPa, Unannealed	87.8	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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