

McCann PP M40CHPP10

Polypropylene Homopolymer

McCann Plastics Inc.

Message:

Exceptional Gloss.

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

General Information			
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Features	General Purpose Good Flow Good Impact Resistance Good Stiffness High Gloss Homopolymer		
Uses	Appliances Furniture General Purpose Household Goods Lawn and Garden Equipment		
Appearance	Black Colors Available Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	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)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	23.4	MPa	ASTM D638
Tensile Elongation (Break)	90	%	ASTM D638
Flexural Modulus - Tangent	2340	MPa	ASTM D790
Flexural Strength	42.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	48	J/m	ASTM D256
Gardner Impact	18.1	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	111	°C	
1.8 MPa, Unannealed	61.1	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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