

McCann PP M40CCPP10

Polypropylene Copolymer

McCann Plastics Inc.

Message:

McCann PP M40CCPP10 is a Polypropylene Copolymer (PP Copolymer) product filled with 40% calcium carbonate. It is available in North America. Applications of McCann PP M40CCPP10 include household applications, appliances, consumer goods and furniture. Characteristics include:
Flame Rated
Copolymer
Good Stiffness
Good UV Resistance
Impact Resistant

General Information			
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	General Purpose		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Good UV Resistance		
Uses	Appliances		
	Furniture		
	General Purpose		
	Household Goods		
	Lawn and Garden Equipment		
	Toys		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method

Tensile Strength	18.6	MPa	ASTM D638
Tensile Elongation (Yield)	41	%	ASTM D638
Flexural Modulus - Tangent	1450	MPa	ASTM D790
Flexural Strength	32.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	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	79.4	°C	
1.8 MPa, Unannealed	43.9	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

