

McCann PP M20CHPP10

Polypropylene Homopolymer

McCann Plastics Inc.

Message:

McCann PP M20CHPP10 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% calcium carbonate. It is available in North America.

Applications of McCann PP M20CHPP10 include appliances, furniture and household applications.

Characteristics include:

- Flame Rated
- Good Stiffness
- Good UV Resistance
- High Gloss
- Homopolymer

General Information			
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Good UV Resistance		
	High Gloss		
	Homopolymer		
Uses	Appliances		
	Furniture		
	General Purpose		
	Lawn and Garden Equipment		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 to 1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	30.3	MPa	ASTM D638
Tensile Elongation (Yield)	80	%	ASTM D638

Flexural Modulus - Tangent	2070	MPa	ASTM D790
Flexural Strength	53.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Gardner Impact	12.4	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	110	°C	
1.8 MPa, Unannealed	62.2	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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