

McCann PP M20CCPP10

Polypropylene Copolymer

McCann Plastics Inc.

Message:

Good Gloss.
Description/Uses: Calcium Filled 20%, Polypropylene Copolymer / Lawn & Garden, Appliance, Furniture, Housewares, Toys and general purpose applications requiring good impact, medium stiffness, and good flow. Custom color and UV stabilized versions also available.

General Information			
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight		
Features	Copolymer		
	General Purpose		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Medium Gloss		
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	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4 to 2.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.8	MPa	ASTM D638
Tensile Elongation (Yield)	200	%	ASTM D638
Flexural Modulus - Tangent	1450	MPa	ASTM D790
Flexural Strength	31.7	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	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	84.4	°C	
1.8 MPa, Unannealed	49.4	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

