

# McCann PP M20THPP12

Polypropylene Homopolymer

McCann Plastics Inc.

Message:

McCann PP M20THPP12 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% talc. It is available in North America. Applications of McCann PP M20THPP12 include automotive, household applications and industrial applications.

Characteristics include:

- Flame Rated
- Good Stiffness
- Good UV Resistance
- Homopolymer
- UV Stabilized

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	UV Stabilizer		
Features	General Purpose		
	Good Flow		
	Good Stiffness		
	Good UV Resistance		
	Homopolymer		
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	1.07	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3 to 1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	28.3	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus - Tangent	2830	MPa	ASTM D790

Flexural Strength	42.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35	J/m	ASTM D256
Gardner Impact	0.904	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	127	°C	
1.8 MPa, Unannealed	70.6	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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