

# Rainmaker Polypropylene MCHPMI20

Polypropylene Homopolymer

Rainmaker Polymers LLC

## Message:

Rainmaker Polypropylene MCHPMI20 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% mica. It is available in North America for injection molding. Primary attribute of Rainmaker Polypropylene MCHPMI20: Homopolymer.

General Information			
Filler / Reinforcement	Mica,20% Filler by Weight		
Features	Homopolymer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	J/m	ASTM D356
Gardner Impact	< 1.36	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	121	°C	
1.8 MPa, Unannealed	68.3	°C	

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## Recommended distributors for this material

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