

# EnCom HPP CCF20 BK41000

Polypropylene

EnCom, Inc.

## Message:

20 % Calcium Carbonate Filled HomoPolymer PP

General Information	
Filler / Reinforcement	Calcium Carbonate,20% Filler by Weight
Features	Homopolymer
Uses	Automotive Applications
	Business Equipment
	Lawn and Garden Equipment
Appearance	Black
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.9	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength (Yield)	42.1	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256

Injection	Nominal Value	Unit
Drying Temperature	93.3	°C
Drying Time	2.0 to 4.0	hr
Suggested Max Moisture	2.0E-3	%
Rear Temperature	188 to 216	°C
Middle Temperature	199 to 232	°C
Front Temperature	199 to 232	°C
Nozzle Temperature	193 to 227	°C
Processing (Melt) Temp	204 to 260	°C
Mold Temperature	18.3 to 54.4	°C

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