

# WPP PP PPC1CF2-Black

Polypropylene Copolymer  
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPC1CF2-Black is a polypropylene copolymer (PP Copoly) product, which contains 20% calcium carbonate filler. It can be processed by sheet extrusion molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry.

Features include:

- Copolymer
- Good flexibility
- chemical resistance
- Heat resistance

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Features	Copolymer		
	Good flexibility		
	Low liquidity		
	Good chemical resistance		
	Heat resistance, medium		
Appearance	Black		
	Available colors		
Processing Method	Sheet extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant <sup>1</sup>	239	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield <sup>2</sup>	19.0	MPa	ASTM D638
Yield <sup>3</sup>	20.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Fracture <sup>4</sup>	810	%	ASTM D638
Fracture <sup>5</sup>	930	%	ASTM D638
Flexural Modulus <sup>6</sup>	746	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.0	°C	ASTM D648
Additional Information			
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted			

NOTE	
1.	5.0 mm/min
2.	50 mm/min
3.	500 mm/min
4.	50 mm/min
5.	500 mm/min
6.	1.3 mm/min

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#### Recommended distributors for this material

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