

# WPP PP PRC25MF1.2C

Polypropylene

Washington Penn Plastic Co. Inc.

## Message:

WPP PP PRC25MF1.2C is a Polypropylene product filled with 12% mica. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.

Characteristics include:

Eco-Friendly/Green

Ductile

Heat Resistant

Impact Modified

Rigid

General Information			
Filler / Reinforcement	Mica,12% Filler by Weight		
Additive	Impact Modifier		
Recycled Content	Yes,25%		
Features	Ductile		
	High Heat Resistance		
	High Rigidity		
	Impact Modified		
	Medium Flow		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	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 <sup>1</sup> (Yield)	24.0	MPa	ASTM D638
Flexural Modulus - Tangent <sup>2</sup>	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	73	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	56.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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