

## Washington Penn Medium Impact Copolymer 10% Talc Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

### Material Notes:

Talc-filled polypropylene compounds have been tailored specifically to meet the requirements of each of the major automobile producers. Grades are available to meet FDA food and drug packaging requirements. These products have excellent mold detail and surface reproduction with fast set-up times. They are also available in an array of colors. Information provided by Washington Penn Plastic Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Washington-Penn-Medium-Impact-Copolymer-10-Talc-Filled.php](http://www.lookpolymers.com/polymer_Washington-Penn-Medium-Impact-Copolymer-10-Talc-Filled.php)

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in <sup>3</sup>	ASTM D792
Filler Content	10 %	10 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.1 MPa	3350 psi	ASTM D638
Elongation at Break	100 %	100 %	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	1% Secant; ASTM D790
	1.52 GPa	220 ksi	Tangent; ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256
Gardner Impact	6.44 J	4.75 ft-lb	ASTM D5420
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	21.7 J	16.0 ft-lb	ASTM D5420
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	102 °C	215 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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