

## Washington Penn Medium Impact Copolymer 30% Calcium Carbonate Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Calcium Carbonate (CaCO3) Filler

### Material Notes:

Calcium carbonate-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-30-Calcium-Carbonate-Filled.php](http://www.lookpolymers.com/polymer_Washington-Penn-Medium-Impact-Copolymer-30-Calcium-Carbonate-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Filler Content	30 %	30 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.6 MPa	2550 psi	ASTM D638
Elongation at Break	500 %	500 %	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.55 GPa	225 ksi	1% Secant; ASTM D790
	1.62 GPa	235 ksi	Tangent; ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256
Gardner Impact	20.8 J	15.3 ft-lb	ASTM D5420
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	22.6 J	16.7 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)	93.3 °C	200 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China