

## Multibase Multi-Pro® 3012 Natural 30% Calcium Carbonate Polypropylene

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

### Material Notes:

This material is an impact modified Calcium Carbonate filled polypropylene that has good impact resistance, good basic UV resistance, and is easily colored. UV additives can be used for extended UV protection. Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Pro-3012-Natural-30-Calcium-Carbonate-Polypropylene.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-3012-Natural-30-Calcium-Carbonate-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ASTM D792-91
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955-89
Melt Flow	12 g/10 min	12 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	19.0 MPa	2760 psi	ASTM D638-95
Elongation at Break	165 %	165 %	ASTM D638-95
Flexural Strength	29.3 MPa	4250 psi	ASTM D790-95
Flexural Modulus	1.517 GPa	220.0 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	1.20 J/cm	2.25 ft-lb/in	ASTM D256-93a
Gardner Impact	23.7 J	17.5 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ASTM D648-95

## Contact Songhan Plastic Technology Co.,Ltd.

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