

## Multibase Multi-Pro® 4017 C Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Calcium Carbonate Filler, 40% by weight. Features: Stiffness, Good Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Pro-4017-C-Polypropylene.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-4017-C-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	17 g/10 min	17 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.2 MPa	2500 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	73°F; ASTM D256
Gardner Impact	2.825 J	2.083 ft-lb	ASTM D3029

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	188 - 216 °C	370 - 420 °F	
Middle Barrel Temperature	199 - 232 °C	390 - 450 °F	
Front Barrel Temperature	199 - 232 °C	390 - 450 °F	
Nozzle Temperature	193 - 227 °C	380 - 440 °F	
Mold Temperature	4.44 - 65.6 °C	40.0 - 150 °F	
Drying Temperature	93.3 °C	200 °F	
Dry Time	2 hour	2 hour	
Back Pressure	0.138 - 0.345 MPa	20.0 - 50.0 psi	
Screw Speed	40 - 100 rpm	40 - 100 rpm	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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