

Multibase Multi-Pro® 2516 CU Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Calcium Carbonate Filler, 25% by weight. Features: Gloss, High UV Resistance, Good Forms: Pellets Processing Methods: Injection

Molding Uses: Furniture Lawn and Garden Equipment Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-2516-CU-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	ASTM D955
Melt Flow	16.5 g/10 min	16.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.7 MPa	3580 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	1.65 GPa	240 ksi	ASTM D790
Izod Impact, Notched	0.507 J/cm	0.950 ft-lb/in	73°F; ASTM D256
Gardner Impact	8.587 J	6.333 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.8 °C	145 °F	Unannealed; ASTM D648

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			

Processing Properties	0.138 - 0.345 MPa Metric	20.0 - 50.0 psi English	Comments
Screw Speed	40 - 100 rpm	40 - 100 rpm	

Descriptive Properties	Value	Comments
Clamp Tonnage	2-4 tons/in ²	
Screw L/D Ratio	20:1	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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