

Multibase Multi-Pro® 5014 CU W Calcium Carbonate Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Multi-Pro 5014 CU W is a calcium carbonate reinforced PP concentrate with balanced impact and stiffness properties. This product is specially formulated for lawn furniture, suitable for outdoor exposure. Data obtained with 1:1 dilution of PPH MFI 14. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-5014-CU-W-Calcium-Carbonate-Filled-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955-89
Melt Flow	14 g/10 min	14 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	26.6 MPa	3860 psi	ASTM D638-95
Elongation at Break	>= 150 %	>= 150 %	ASTM D638-95
Flexural Strength	41.4 MPa	6000 psi	ASTM D790-95
Flexural Modulus	1.793 GPa	260.1 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	4.81 J/cm	9.01 ft-lb/in	ASTM D256-93a
Gardner Impact	8.20 J	6.05 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	102 °C	216 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	63.0 °C	145 °F	ASTM D648-95

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