

## Asia Technology Pioneers CAP 102 PP Nanocomposite

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Description: CAP102 is a hi-tech compounded polypropylene. This Hi-composite is produced by Nano-Technology and used widely in industry and is so cost effective. Advantages: Good paint ability Good dimensional (Heat) stability Outstanding surface appearance UV resistance Good Scratch resistance Certification: ISO 9001:2008 Iranian Nano Technology Initiative Council Certification Certification from automakers Application: Automotive Interior Parts (Dashboard Items) Automotive Exterior and Interior Paint-on Parts Information provided by Asia Technology Pioneers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asia-Technology-Pioneers-CAP-102-PP-Nanocomposite.php](http://www.lookpolymers.com/polymer_Asia-Technology-Pioneers-CAP-102-PP-Nanocomposite.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Melt Flow	11.6 g/10 min @Temperature 230 °C	11.6 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	37.3 MPa	5400 psi	ASTM D638M
Flexural Strength	43.08 MPa	6248 psi	ASTM D790
Flexural Modulus	0.206 GPa	29.9 ksi	ASTM D790
Izod Impact, Notched	0.382 J/cm	0.716 ft-lb/in	ASTM D256

Descriptive Properties	Value	Comments
Form	Pellets - Tan color	
Processing Method	Injection Molding	
Reinforcement Additives	Nano Particles	

## 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