

NCMT NanoPAC™ S205 High Performance Polypropylene Nanocomposite

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Characteristics: High stiffness Supplementary of ABS Good impact resistant Less shrinkage Good thermal conductivity Applications: Toys Industry Automobile Information provided by Nano Composite Materials Technology Limited

Order this product through the following link:

http://www.lookpolymers.com/polymer_NCMT-NanoPAC-S205-High-Performance-Polypropylene-Nanocomposite.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	NCMT Method
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	18.0 MPa	2610 psi	ASTM D638
Elongation at Break	>= 700 %	>= 700 %	ASTM D638
Tensile Modulus	1.80 GPa	261 ksi	ASTM D638
Izod Impact, Notched	5.80 J/cm	10.9 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	Deflection Temp.; ASTM D648

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