

## Multibase Nylex™ 4032 Black Polyamide + PP

Category : Polymer , Thermoplastic , Nylon , Polypropylene (PP)

**Material Notes:**

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Nylex-4032-Black-Polyamide-PP.php](http://www.lookpolymers.com/polymer_Multibase-Nylex-4032-Black-Polyamide-PP.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM 792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955
Melt Flow	1.01 g/10 min @Load 2.16 kg, Temperature 230 °C	1.01 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	51.4 MPa	7450 psi	ASTM D638
Elongation at Break	17 %	17 %	ASTM D638
Flexural Modulus	3.20 GPa	464 ksi	Method I (3 point load), Procedure B); ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	158 °C	316 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	122 °C	252 °F	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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