

# Hoplite PP40A Black



## Mafic Product Code Classification

Example: Hoplite PP40A Black

Hoplite- Hoplite Long Fiber Thermoplastic

PP- Polypropylene

40- 40% Long Glass Fiber

A- Masterbatch Mix A



## Physical Properties

Property	Value	Unit
Density	1.21	Kg/dm <sup>3</sup>

## Mechanical Properties

Properties	Test Method	Value	Unit
Tensile Strength	ISO 527-2	120	MPa
Young's modulus	ISO 527-2	11	GPa
Tensile Elongation at Break	ISO 527-2	1.79	%
Flexural Strength	ISO 14125	200	MPa
Flexural E-modulus	ISO 14125	9.8	GPa

## Impact Properties

Property	Test Method	Value	Unit
Impact strength charpy unnotched	ISO 179-1	65	Kj/m <sup>2</sup>
Impact strength charpy notched	ISO 179-1	20	Kj/m <sup>2</sup>

Packaging	Quantity	Unit
Gaylord Box	1500	lbs

### Additional Notes:

Gaylord boxes are lined with a plastic bag

Shipped on 48 by 48 pallets

Available in Natural or Black Colors

### General Disclaimer:

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.