

Chase Plastics CP Pryme® NN143GL (DAM) Nylon 66, 43% Glass Fiber Reinforced, Internally Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 40% Glass Fiber Filled

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN143GL-DAM-Nylon-66-43-Glass-Fiber-Reinforced-Internally-Lubricated.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.50 g/cc | 1.50 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-----------|---------------|-----------|
| Tensile Strength at Break | 214 MPa | 31000 psi | ASTM D638 |
| Elongation at Break | 3.0 % | 3.0 % | ASTM D638 |
| Flexural Strength | 317 MPa | 46000 psi | ASTM D790 |
| Flexural Modulus | 11.0 GPa | 1600 ksi | ASTM D790 |
| Izod Impact, Notched | 1.33 J/cm | 2.50 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 260 °C | 500 °F | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 252 °C | 485 °F | ASTM D648 |

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