

Chase Plastics CP Pryme® NN130GMD2 (DAM) Nylon 66, 30% Glass Fiber Reinforced, 2% MoS2 Lubricated

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Fiber/MoS2 Filled

Material Notes:

Information provided by Chase Plastics.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chase-Plastics-CP-Pryme-NN130GMD2-DAM-Nylon-66-30-Glass-Fiber-Reinforced-2-MoS2-Lubricated.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.40 g/cc | 1.40 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-----------|---------------|-----------|
| Tensile Strength at Break | 207 MPa | 30000 psi | ASTM D638 |
| Elongation at Break | 3.0 % | 3.0 % | ASTM D638 |
| Flexural Strength | 310 MPa | 45000 psi | ASTM D790 |
| Flexural Modulus | 10.3 GPa | 1500 ksi | ASTM D790 |
| Izod Impact, Notched | 1.17 J/cm | 2.20 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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