

# CP PRYME® Nylon 66 NN100L

Polyamide 66  
Chase Plastics Services Inc.

Message:  
CP PRYME® Nylon 66 NN100L is a Polyamide 66 (Nylon 66) product. It is available in North America. Primary characteristic: lubricated.

| General Information               |      |               |                   |             |
|-----------------------------------|------|---------------|-------------------|-------------|
| Additive                          |      | Lubricant     |                   |             |
| Features                          |      | Lubricated    |                   |             |
| Appearance                        |      | Natural Color |                   |             |
| Forms                             |      | Pellets       |                   |             |
| Physical                          | Dry  | Conditioned   | Unit              | Test Method |
| Specific Gravity                  | 1.14 | --            | g/cm <sup>3</sup> | ASTM D792   |
| Mechanical                        | Dry  | Conditioned   | Unit              | Test Method |
| Tensile Strength (23°C)           | 82.7 | 65.5          | MPa               | ASTM D638   |
| Tensile Elongation (Break, 23°C)  | 60   | 150           | %                 | ASTM D638   |
| Flexural Modulus (23°C)           | 3100 | 1100          | MPa               | ASTM D790   |
| Flexural Strength (Yield, 23°C)   | 117  | 42.1          | MPa               | ASTM D790   |
| Impact                            | Dry  | Conditioned   | Unit              | Test Method |
| Notched Izod Impact (23°C)        | 59   | 160           | J/m               | ASTM D256   |
| Thermal                           | Dry  | Conditioned   | Unit              | Test Method |
| Deflection Temperature Under Load |      |               |                   | ASTM D648   |
| 0.45 MPa, Unannealed              | 232  | 232           | °C                |             |
| 1.8 MPa, Unannealed               | 82.2 | 82.2          | °C                |             |

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