

Nylon 66 / Nylon 6/6

Key Features

Abrasion resistance • Chemical resistance •
Smooth surface • Melting point > 200°C

Applications

End-use parts • Automotive • Electronics •
Engineering • Consumer goods

Product Description

Nylon 66 is a high-strength resin known for its superior tensile and impact strength, excellent thermal stability, and abrasion resistance. Ideal for injection molding, this material is widely used in the automotive industry for engine components and gears, electrical and electronics for connectors and insulators, consumer goods like power tools and sports equipment and industrial applications such as bearings and machinery parts.

Properties*

Stress at yield point	85 MPa
Elongation at break	35%
Flexural modulus	2,800 MPa
Izod notched impact strength	4 kJ/m ²
Melting temperature	260°C
Heat deflection temperature	85°C
Density	1.14 g/cm ³
Hardness	84D

*Based on material ADDINYL® A2, as molded

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

