

NYLON

NATUREL 101



Description

The Naturel 101 is the strongest, most rigid and has one of the highest melting points of the nylon products. It is FDA complaint.

Applications

This grade is commonly used for screw machined electrical insulators and food contact parts.

Specifications

Technical Data

Specific gravity (ASTM D-792)	1.15
Tensile strength (ASTM D-638) (psi)	12 000
Flexural strength (ASTM D-790) (psi)	15 000
Compressive strength (ASTM D-695) (psi)	12 500
Hardness, M Scale (ASTM D-785)	85
Elongation (ASTM D-638) (%)	50
Coeff. Thermal Exp. (ASTM D-696) In/In/°F	5.5 X 10 ⁻⁵
Water absorption, 24 hours %	0.3

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.