



| A | B | C | D | E | F |
|-----|---|----|---|---|---|
| 4.2 | 8 | 15 | - | - | - |

Colour: natural
Colour number: 000 XXX XXXX **XXXXXX**

Colour definition : natural

Matches : Milk-like transparent white colour can differ per kind of material.

Featured colours reserved. Due to the screen differences in colour may occur.

Material: Nylon-66 (PA-66)
Material number: 02 XXX XXXX **XXXXXX**

Product information

A strong, tough and durable material. Suitable for connecting elements and other technical components. Thanks to self lubricant properties ideal for slide bearings. Always has to acclimatize for a few days after injection moulding, taking approximately 3% moisture to obtain its normal strenght. Operational temperature can go up to 100-120°C temporarily for non-critical parts. Many nylons are self extinguishing.

Physical information

| Property | Value | DIN |
|--|-------------------|-------|
| Relative density (gr/cm ³) | 1.14 | -- |
| Tensile strength (MN/m ²) | 60 | 53455 |
| Elongation at break (%) | 140 | 53455 |
| Tensile modulus (MN/m ²) | 1500 | 53457 |
| Notched impact strength (kJ/m ²) | 17 | 53453 |
| Ball indentation (MN/m ²) | 100 | 53456 |
| Application temperature (max °C) | 120 | -- |
| Volume resistivity (Ohm.cm) | 10 ^{^15} | 53482 |
| Dissapation factor tan. (10 ³ Hz) | 0.15 | 53483 |
| Dielectric strength (MV/m) | 30 | 53481 |
| Coefficient of friction (on steel) (--) | 0.3 | -- |

Chemical resistance

| Resistant to | Grade |
|----------------|-------|
| Petrol | A |
| Benzene | A |
| Mineral oils | A |
| Vegetable oils | A |
| Weak alkalis | A |
| Strong alkalis | B |
| Weak acids | B |
| Strong acids | C |

A = Good
B = Doubtful
C = Poor

All information is given in good faith but without warranty