



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

### Chemical resistance

Resistant to	Rating
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