

# TECHNICAL PLASTIC AND METAL PARTS

Insulation sleeve  
018

| Code            | Description | Price euro/1000 | % Price Change<br>1 | % Price Change<br>2 | Package | A   | B   | C  | D   | E   | F gr |
|-----------------|-------------|-----------------|---------------------|---------------------|---------|-----|-----|----|-----|-----|------|
| 018 0304 000 01 | MP 18- 3- 4 | 100,00          | + 60%               | -                   | 500     | 3.1 | 7.9 | 15 | 3.5 | 1.5 |      |

| Colour                                                                         | Colour number                                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| transparent - natural                                                          | 000 (XXX XXXX XXX XX)                                                                |
| <b>Colour description</b>                                                      | transparent - natural                                                                |
| <b>Matches</b>                                                                 | 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                                                                                                                                                                                                                                                                                                                                                                                             |       | Material nr                |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------|------------|
| Nylon - 6 PA - 6                                                                                                                                                                                                                                                                                                                                                                                     |       | 01 (XXX XXXX XXX XX)       |            |
| <b>General informations:</b><br>A strong, tough and durable material. Suitable for connecting elements and other technical components. Owing to self lubricant properties ideal for slide bearings. Takes in approx 3% moisture at room temperature and is then at its strongest. Always has to acclimatize for a few days. Operational temperature up to approx 120°C. Nylon is self extinguishing. |       |                            |            |
| <b>Features</b>                                                                                                                                                                                                                                                                                                                                                                                      |       | <b>Chimical resistance</b> |            |
| feature                                                                                                                                                                                                                                                                                                                                                                                              | DIN   | Resistance to              | Valutation |
| Relative density gr/cm <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                  | 1,14  | Petrol                     | A          |
| Tensile strength MN/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                   | 55    | Benzene                    | A          |
| Elongation at break %                                                                                                                                                                                                                                                                                                                                                                                | 250   | Mineral oils               | A          |
| Tensile modulus MN/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                    | 950   | Vegetable oils             | A          |
| Notched impact strength kJ/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                            | 35    | Weak alkalis               | A          |
| Ball indentation MN/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                   | 82    | Strong alkalis             | B          |
| Application temperature max °C                                                                                                                                                                                                                                                                                                                                                                       | 120   | Weak acids                 | B          |
| Volume resistivity cm                                                                                                                                                                                                                                                                                                                                                                                | 10^15 | Strong acids               | C          |
| Dissapation factor tan. 10 <sup>3</sup> Hz                                                                                                                                                                                                                                                                                                                                                           | 0,2   | <b>A = good</b>            |            |
| Dielectric strength MV/m                                                                                                                                                                                                                                                                                                                                                                             | 35    | <b>B = doubtful</b>        |            |
| Flammability UL94 > 1,6 mm                                                                                                                                                                                                                                                                                                                                                                           | V2    | <b>C = poor</b>            |            |
| Coefficient of friction (on steel)                                                                                                                                                                                                                                                                                                                                                                   | 0,3   |                            |            |
| <b>All data are indicative</b>                                                                                                                                                                                                                                                                                                                                                                       |       |                            |            |

Technical informations are indicative and can be updated.

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**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy  
Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution  
of fasteners, fixing elements  
and mechanical parts  
machining

**GANDINI FASTENERS SRL**  
viale Pier Paolo Pasolini, 83  
Sesto San Giovanni Mi - Italy

**Sales department**  
250@gandini.it  
tel +39 02 241 047 250

**Administration**  
350@gandini.it  
tel +39 02 241 047 350