

# TECHNICAL PLASTIC AND METAL PARTS

Gripscrew  
105

| Code            | Description       | Price euro/1000 | % Price Change | Package | A  | B   | C  | D  | E  | F  | gr |
|-----------------|-------------------|-----------------|----------------|---------|----|-----|----|----|----|----|----|
|                 |                   |                 | 1 2            |         |    |     |    |    |    |    |    |
| 105 1050 699 01 | MP 105-10-50 NERO | 2.898,00        | + 60%          | -       | 25 | M10 | 50 | 50 | 20 | 10 |    |

| Colour   | Colour number  |
|--|--|
| black  | 699 (XXX XXXX XXX XX)                                      |
| <b>Colour description</b>  | black  |
| <b>Matches</b>   | brillant black. Matches: Reasonably matches RAL colour9005 |
| Featured colours reserved. Due to the screen, differences in colour may occur. |  |

| Material   |       | Material nr                  |            |
|--|-------|------------------------------|------------|
| Nylon - 6 PA - 6   |       | 01 (XXX XXXX XXX <b>XX</b> ) |            |
| <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</b> = good              |            |
| Dielectric strength MV/m   | 35    | <b>B</b> = doubtful          |            |
| Flammability UL94 > 1,6 mm   | V2    | <b>C</b> = poor              |            |
| 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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machining

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