

# 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 0820 699 01 | MP 105- 8-20 NERO | 1.602,00        | + 60%          | -       | 25 | M8 | 20 | 40 | 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 XX)       |            |
| <b>General informations:</b>   |       |                            |            |
| 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>Chemical 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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