

# TECHNICAL PLASTIC AND METAL PARTS

Screw rivet  
113

| Code            | Description    | Price euro/1000 | % Price Change | Package | A   | B | C | D | E  | F  | gr  |
|-----------------|----------------|-----------------|----------------|---------|-----|---|---|---|----|----|-----|
|                 |                |                 | 1 2            |         |     |   |   |   |    |    |     |
| 113 0001 699 02 | MP 113-01 NERO | 229,00          | + 60%          | -       | 250 | 5 | 4 | 7 | 12 | 11 | 1.5 |

| 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 - 66 PA - 66  |                  | 02 (XXX XXXX XXX <b>XX</b> ) |            |
| <b>General informations:</b>  |                  |                              |            |
| A strong, tough and durable material. Suitable for connecting elements and other technical components. Owing to selflubricant properties ideal for slide bearings. Takes in approx 2 % moisture (a little less than nylon-6) and is then at its strongest. Therefore always has to acclimatize for a few days after injection moulding. Operational temperature up to 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>  | 60               | Benzene                      | A          |
| Elongation at break %   | 140              | Mineral oils                 | A          |
| Tensile modulus MN/m <sup>2</sup>   | 1500             | Vegetable oils               | A          |
| Notched impact strength kJ/m <sup>2</sup>   | 17               | Weak alkalis                 | A          |
| Ball indentation MN/m <sup>2</sup>  | 100              | Strong alkalis               | B          |
| Application temperature max °C  | 120              | Weak acids                   | B          |
| Volume resistivity cm   | 10 <sup>15</sup> | Strong acids                 | C          |
| Dissipation factor tan. 10 <sup>3</sup> Hz  | 0,15             | <b>A</b> = good              |            |
| Dielectric strength MV/m  | 30               | <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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