

# TECHNICAL PLASTIC AND METAL PARTS

Strap mount  
142

| Code            | Description | Price euro/1000 | % Price Change | Package | A   | B   | C   | D   | E | F | gr |
|-----------------|-------------|-----------------|----------------|---------|-----|-----|-----|-----|---|---|----|
|                 |             |                 | 1 2            |         |     |     |     |     |   |   |    |
| 142 0080 000 02 | MP 142- 8   | 168,00          | + 60%          | -       | 500 | 6.4 | 8.5 | 2.5 | 2 | 6 | 17 |

| 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 - 66 PA - 66                                                                                                                                                                                                                                                                                                                                                                                        |       | 02 (XXX XXXX XXX XX)                                      |            |
| <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                                                                                                                                                                                                                                                                                                                                                                                     | 10^15 | Strong acids                                              | C          |
| Dissipation factor tan. 10 <sup>3</sup> Hz                                                                                                                                                                                                                                                                                                                                                                | 0,15  | <b>A</b> = good<br><b>B</b> = doubtful<br><b>C</b> = poor |            |
| Dielectric strength MV/m                                                                                                                                                                                                                                                                                                                                                                                  | 30    |                                                           |            |
| Flammability UL94 > 1,6 mm                                                                                                                                                                                                                                                                                                                                                                                | V2    |                                                           |            |
| 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