

# TECHNICAL PLASTIC AND METAL PARTS

Paperclip  
044

| Code            | Description           | Price euro/1000 | % Price Change | Package | A  | B  | C  | D  | E   | F  | gr |
|-----------------|-----------------------|-----------------|----------------|---------|----|----|----|----|-----|----|----|
|                 |                       |                 | 1 2            |         |    |    |    |    |     |    |    |
| 044 0030 206 01 | MP 44-30 VIOLA SKIFFY | 159,00          | + 60%          | -       | 50 | 52 | 43 | 25 | 2.2 | F2 |    |

| Colour                                                                         | Colour number                                         |
|--------------------------------------------------------------------------------|-------------------------------------------------------|
| purple                                                                         | 206 (XXX XXXX XXX XX)                                 |
| <b>Colour description</b>                                                      | purple                                                |
| <b>Matches</b>                                                                 | light purple. Matches: Matches the skinpigment violet |
| 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 <sup>^15</sup> | 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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