

### Technical Data Sheet

## Maywotron® ASA P

ASA

#### Typical characteristics

- Protection of electronic devices from electrostatic phenomena
- UV-resistant
- Weatherability
- Antistatic

#### Typical industries

- Tecnica di imbutitura
- Elettronica

|                                         | Test method       | Unit                 | Guideline value                    |
|-----------------------------------------|-------------------|----------------------|------------------------------------|
| <b>General properties</b>               |                   |                      |                                    |
| Density                                 | DIN EN ISO 1183-1 | g / cm <sup>3</sup>  | 1,09                               |
| <b>Mechanical properties</b>            |                   |                      |                                    |
| Yield stress                            | DIN EN ISO 527    | MPa                  | 18                                 |
| Elongation at break                     | DIN EN ISO 527    | %                    | 28                                 |
| Tensile modulus of elasticity           | DIN EN ISO 527    | MPa                  | 963                                |
| Notched impact strength                 | DIN EN ISO 180    | kJ / m <sup>2</sup>  | 7                                  |
| <b>Thermal properties</b>               |                   |                      |                                    |
| Thermal conductivity                    | DIN 52612-1       | W / (m * K)          | 0,17                               |
| Coefficient of linear thermal expansion | DIN 53752         | 10 <sup>-6</sup> / K | 90                                 |
| <b>Electrical properties</b>            |                   |                      |                                    |
| Surface resisitivity                    | DIN EN 61340      | Ω                    | 10 <sup>8</sup> - 10 <sup>10</sup> |
| Volume resistivity                      | DIN EN 61340      | Ω                    | 10 <sup>8</sup> - 10 <sup>10</sup> |

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