

Technical Data Sheet

Maywotron[®] ASA P

ASA

Typical characteristics

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

Typical industries

- Vacuum Forming
- Electronics

| | Test method | Unit | Guideline value |
|---|-------------------|----------------------|------------------------------------|
| General properties | | | |
| Density | DIN EN ISO 1183-1 | g / cm ³ | 1,09 |
| Mechanical properties | | | |
| 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 ² | 7 |
| Thermal properties | | | |
| Thermal conductivity | DIN 52612-1 | W / (m * K) | 0,17 |
| Coefficient of linear thermal expansion | DIN 53752 | 10 ⁻⁶ / K | 90 |
| Electrical properties | | | |
| Surface resistivity | DIN EN 61340 | Ω | 10 ⁸ - 10 ¹⁰ |
| Volume resistivity | DIN EN 61340 | Ω | 10 ⁸ - 10 ¹⁰ |

