

Technical information **ROEDURTHERM E-300 AS-HT**
(antistatic base material)

| Mechanical Properties | Norm | Unit | Values |
|--------------------------------------|-------------|-------------|---------------|
| Flexural strength | ISO 178 | MPa | 400 |
| Flexural strength at 150°C / 1h | ISO 178 | MPa | 250 |
| Modulus of elasticity in flexure, RT | ISO 178 | MPa | N/A |
| Compression strength, RT | ISO 604 | MPa | 280 |
| Tensile strength | ISO 527 | MPa | 290 |

| Electrical Properties | Norm | Unit | Values |
|------------------------------|---------------|-------------|---------------|
| Surface resistance | IEC 61340-5-1 | Ohm | 10E+5-10E+10 |

| Thermic Properties | Norm | Unit | Values |
|---------------------------------|-------------|-------------|---------------|
| Thermal conductivity | DIN 52612 | W/mK | 0,3 |
| Coefficient of linear expansion | DIN 53752 | 1.0E-6/K | 15 |
| Temperature Index (TI) | IEC 60216 | °C | 180 |

| Physical Properties | Norm | Unit | Values |
|----------------------------|-------------|-------------------|---------------|
| Density | ISO 1183 | g/cm ³ | 1,9 |
| Water absorption 24h 23°C | ISO 62 | Mg/% | 10/0,03 |

| Thickness | Tolerance to nominal thickness |
|------------------|---------------------------------------|
| 3 – 14 mm | According to DIN EN 60893-3-2 |

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Commercial register

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