

Conductive Polystyrene (Part No.: 5210.xx)



Conductive polystyrene sheets for vacuum forming.

- Safe storage of ESD sensitive devices
- Permanently static dissipative
- No migration
- No contamination
- Humidity independent
- Complies with EN 61340-5-1
- Colour: black
- Recyclable



Available in rolls or plates

Maximum width: 650 mm

Thickness: 0,5 - 5 mm

Electrical properties:

	Test Standard	Typical values	Requirements
Surface resistance R_S Point to point resistance R_P	EN 61340-5-1 EN 61340-2-3	$\leq 1 \times 10^6 \Omega$	$10^2 \leq R_S \leq 10^5 \Omega$ EN 61340-5-1
Volume resistance R_V	EN 61340-2-3	$\leq 1 \times 10^6 \Omega$	---

Technical Information

Page 2 of 2

Part No.: 5210.xx



◆ Untere Gießwiesen 21 ◆ 78247 Hilzingen ◆ Tel.: +49-7731-86880 ◆ Fax: +49-7731-868830

Mechanical properties:

	Test method	
Density at 23°C	ISO R1183	1,15 g/cm ³
Hardness	ISO 868	75 Shore D
Deflection temperature (at 1,81 N/mm ² load)	ISO 75	67 °C
Vicat softening point (10N)	ISO 306	102 °C
Melt index 200°C / 5kg	ISO 1133	1 g/10min
Melt index 200°C / 10kg	ISO 1133	5 g/10min
Melt index 200°C / 21,6kg	ISO 1133	38 g/10min
Flexural modulus	ISO 178	1875 Mpa (N/mm ²)
Yield strength	ISO R527	24,3 Mpa (N/mm ²)
Tensile strength	ISO R527	30,4 Mpa (N/mm ²)
Elongation at break	ISO R527	24,5 %
Impact strength	ISO 180	15 kJ/m ²



Vacuum formed tray sample