

# PETG ESD

Anti-Static Polyethylene Terephthalate

The integration of carbon nanotubes into ESD PETG imparts superior electrostatic dissipation properties to the material, while simultaneously ensuring the mechanical properties and impact resistance typical of PETG.



## Material properties

Density	ISO 1183	1,24	g/cm <sup>3</sup>
Suitability for food contact		NO	
Tensile strength	ISO 527	36,1	MPa
Elongation at break	ISO 527	7,3	%
Elastic modulus	ISO 527	1983	MPa
Flexural strength	ISO 527	54	MPa
Resilience	ISO 179	5,7	kJ/m <sup>2</sup>
HDT 0.45 MPa	ISO 75	76	°C
HDT 1.8 MPa	ISO 75	72	°C
Vicat softening temperature	ISO 306	86	°C

### Printing layer height

0,15 mm (0,006 in)

### Maximum dimensions

250 x 250 x 250 mm (9,8 x 9,8 x 9,8 in)

### Infill

30%

### Shell thickness

1,8 mm (0,07 in)

### Tolerances

± 0,60mm < 100mm / ± 0,6% > 100mm

### Applications

The material can be utilised for applications in electronics and all those applications that require the dissipation of electrostatic charges.

Information contained in this data sheet is up-to-date and correct as at the date of issue. As Weerg cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of the planned use. To the maximum extent permitted by law, Weerg will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those implied mandatory by law.