

TECHNICAL DATA SHEET



The ESD PETG is a conductive material based on our neat PETG that protects against electrostatic discharges, which is very useful when printing parts in contact with sensitive electronics, which could be damaged by static electricity.

Revision
1.0

Product
ESD PETG

		STANDARD	UNIT	TYPICAL VALUE
PHYSICAL PROPERTIES	Density	ISO 527	g/cc	1.29
MECHANICAL PROPERTIES	Tensile Strength, Break	ISO 527	MPa	52
	Tensile Modulus	ISO 527	MPa	1850
	Tensile Elongation, Break	ISO 527	%	14
	Flexural Strength	ISO 178	MPa	73
	Flexural Modulus	ISO178	MPa	1697
THERMAL PROPERTIES	Glass Transition Temperature (Tg)	DSC	°C	80
	Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	75
ELECTRICAL PROPERTIES	Surface Resistance	-	Ohm/sq	>10⁷-10⁹<

DATE ISSUED

MONTH
1 2 3 4 5 6 7 8 9 10 **11** 12
DAY
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
18 19 20 21 22 23 24 25 26 27 **28** 29 30 31
YEAR
2017 2018 **2019**

DISCLAIMER

The technical data contained on this data sheet should not be used to establish specifications limits or used alone as the basis of design. The data provided is not intended to substitute any testing that may be required to determine fitness for any specific use.

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