

ESD-PETG Technical Data Sheet(TDS)

Physical Properties	Standard	Unit	Typical Value
Density	ISO 1183	g/cm ³	1.24
Melt Index	230°C, 5Kg		3.6 g/10 min

Mechanical Properties	Standard	Unit	Typical Value
Tensile Strength, Break	ISO 527	MPa	30
Tensile Modulus	ISO 527	MPa	1550
Tensile Elongation, Break	ISO 527	%	5.1
Flexural Strength	ISO 178	MPa	55.8
Flexural Modulus	ISO 178	MPa	1890
Charpy impact strength (X-Y)	ISO 178, GB/T 9341	kJ/m ²	8.5
Thermal Properties	Standard	Unit	Typical Value
Glass Transition Temperature	DSC	°C	78
Deflection Temperature @ 0.45MPa	ISO 75	°C	68

Electrical Property	Standard	Unit	Typical Value
Surface Resistance	ASTM D257	Ohm/sq	10 ⁶ ≤X≤10 ⁹

Updated on November 11, 2022