

PET-g ESD · Technical Data Sheet

General Features

Chemical Name Polyethylene Terephthalate -Glycol	Benefits <ul style="list-style-type: none"> • ESD and food safe • Good strength, ductility and chemical resistance • Perfect for electronic jigs and fixtures 	
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Filament Characteristics

Diameter	Ø 1.75mm
Meters per spool	671.14m
Weight per meter	2.98g
Tolerance	±0.02mm

Material Properties

		Typical value	ASTM Method
Tensile stress at yield, psi	MPa	50 (510)	D638
Tensile strength at break, psi	MPa	26 (265)	D638
Elongation at yield	%	4,5	D638
Elongation at break	%	120	D256
Flexural Strength, psi	MPa	71 (720)	D790
Flexural Modulus, kpsi	MPa	2150 (21900)	D790
Izod Impact Strength, ft-lb/in	J/m	85	D256

Disclaimer:

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