

Technical data sheet

ESD PETG

Use	It is a material for the FDM (FFF) 3D printing additive technology..
Material	Polyetylenteftefatat + conductive carbon black - polyester, petroleum product
Diameter	1,75 mm
Tolerance	± 0,05 mm
Weight	0,5 kg netto ± 5 % / 0,7 kg brutto ± 5 %
Packing	Spool in Vacuum ZIP bag, inserting to paper box, all in LDPE foil.
Color	Viz www.filament-pm.cz
Solvent	Acetaldehyd

Printing Properties	
Temperature HE	270 - 290 °C
Temperature HB	80 - 90 °C
Surface bed	Uitem
Cooling print object	Yes
Nozzle	All diameters
Printer space	Open / Close

Material Properties			
Thermal	Vicat softening temperature	ISO 306	85 °C
	Heat deflection temperature	ISO 75	70 °C
Mechanical	Flexural modulus	ISO 178	2550 MPa
	Volume resistivity	ISO 3915	<150 Ω.cm
	Surface resistivity	EN IEC 62631-3-2	<10 ⁵
Physical	Density	ISO 1183/B	1,32 g/cm ³
	MFI (260°C, 5 Kg)	ISO 1133	0,5 g/10 min



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