

Technical data sheet

PEIJet 1010 Ultem

Use	It is a material for the FDM (FFF) 3D printing additive technology.
Material	Polyetherimid, 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.
Colour	See www.filament-pm.com
Solvents	Solvent resistant

Printing Properties

Temperature HE	350 – 370 °C
Temperature HB	140 – 150 °C
Surface bed	Kapton, Ultem, Magigoo HT
Cooling print object	No
Nozzle	All diameters
Printer space	Close chamber and tempered

Material Properties

Thermal	Vicat softening temperature	IISO 306	215 °C
	Heat deflection temperature	ISO 75	200 °C
Mechanical	Impact strength	ISO 179	50 kJ/m²
	Flexural modulus	ISO 178	3 300 MPa
Physical	Density	ISO 1183/B	1,27 g/cm³
	Melt Flow Index	ISO 1133	13 g/10 min



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