

TECHNICAL DATA SHEET FOR PRODUCT: PEIJet 1010 FILAMENT

Use	is a material for the FDM (FFF) 3D printing additive technology		
Material	Polycarbonate/Acrylonitrilbutadienstyrene, petroleum product		
Diameters	1,75 mm		
Tolerance	± 0,05 mm		
Weight	0,5 kg netto ± 5%		
Packing	spool in Vacuum ZIP bag, inserting to paper box, all in LDPE foil		
Colours	views on web https://www.filament-pm.com/peijet		
Solvents	Solvent resistant		
Printing Properties:			
Temperature HE	350 – 370 °C		
Temperature HB	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	ISO 306	215 °C
	heat deflection temperature	ISO 75	200 °C
Mechanical	impact strength	ISO 179	50 kJ/m²
	flexural modulus	ISO 178	3300 MPa
Physical	Density	ISO 1183/B	1,27 g/cm³
	Melt Flow Index	ISO 1133	13 g/10 min