

TECHNICAL DATA SHEET

Use	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.		
Colours	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	Closechamberand 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