

Monkey SiPA12

PA12 Powder dedicated for Sintratec SLS Machines

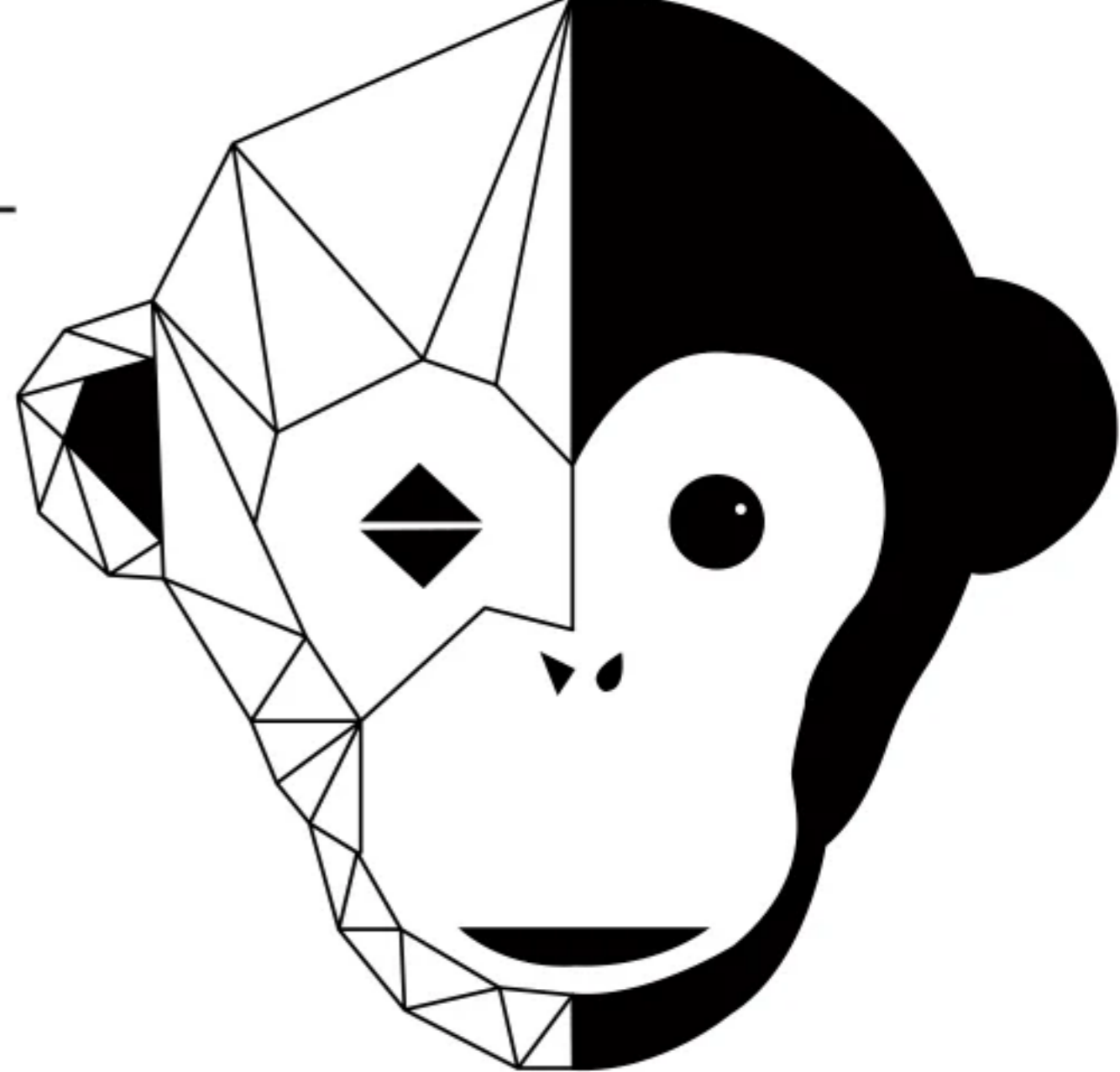
Technical specifications

Volume: **2,5 l** (~1,5 kg)

Color: black

Thermoplastic Polyamid 12 powder for the application in selective lasersintering Process

	Properties	Value	Unit	Method
Powder Properties	Particle Size $D_{[v, 90]}$	82	μm	DIN EN ISO 9276
	Powder Bulk Density	0.43	g/cm^3	DIN EN ISO 60
Thermal Properties	Melt Temperature	176	$^{\circ}\text{C}$	DIN EN ISO 11357
	Heat Deflection Temperature	130	$^{\circ}\text{C}$	DIN EN ISO 306
Part Properties	Part Density	1.01	g/cm^3	DIN EN ISO 1183-1
	Tensile Modulus	1.750	MPa	DIN EN ISO 527
	Tensile Strength	48	MPa	DIN EN ISO 527
	Elongation at Break	14	%	DIN EN ISO 527



POWDER[®]
MONKEYS