

RePA12 50-8 GB

Sturdy Technical Material

Technical Data

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

Color: anthracite

Thermoplastic Polyamid 12 powder for the application in selective lasersintering Process

	Property	Value	Unit	Standard
Powder Properties	Particle size D _[v, 90]	87	µm	DIN EN ISO 9276
	Bulk Density	0.55	g/cm ³	DIN EN ISO 60
Thermal Properties	Melting Temperature	184	°C	DIN EN ISO 11357
	Heat Deflection Temperature	160	°C	DIN EN ISO 306
Part Properties	Part Density	1.12	g/cm ³	DIN EN ISO 1183-1
	E-Modulus	3.200	MPa	DIN EN ISO 527
	Tensile Strength	50	MPa	DIN EN ISO 527
	Elongation at Break	8	%	DIN EN ISO 527