



Datasheet for DiaPow PP GF

DiaPow PP GF is a Polypropylene Laser Sinter Powder filled with Glass Beads.

Average Particle Size D 50 40-60 µm
Max. Particle Size D 90 90 µm

100% reusable
High stiffness
High elongation
Very good chemical resistance
Painting and welding
Colour: natural white

Properties	Value	Unit	Testmethod
Density	0,88	g/cm ³	ISO 1183 A
Apparent Density	0,33	g/cm ³	DIN 53 466
Melt Flow Index	4,5	g/10 min	ISO 1133
Mechanical values of sintered specimen			
Tensile Strength	15	MPa	ISO 178
Tensile Modulus	1600	MPa	ISO 178
Elongation at break	18	%	ISO 178
Charpy 23°C	30	kJ/m ²	ISO 179
Thermal Properties			
Vicat A	120	°C	ISO 306
Melting Temperature	135	°C	DIN 53 736

These properties may vary with different scanning parameters.
These values reflect our state of knowledge and are not binding.
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