



Datasheet for DiaPow PPR

DiaPow PPR is a natural white Polypropylene Laser Sinter Powder

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

Sustainable: 100% reusable recyclable

Very high elongation

Very good chemical resistance

Can be painted and welded

Properties	Value	Unit	Testmethod
Density	0,92	g/cm3	ISO 1183 A
Apparent Density	0,372	g/cm3	DIN 53 466
Melt Flow Index	4,5	g/10 min	ISO 1133
Mechanical values of sintered specimen			
Tensile Strength	25	MPa	ISO 178
Tensile Modulus	1000	MPa	ISO 178
Elongation at break	30	%	ISO 178
Charpy 23°C	55	kJ/m²	ISO 179
Thermal Properties			
Vicat A	119	°C	ISO 306
Melting Temperature	125	°C	DIN 53 736

Parameters available for EOS P3, 3D Systems, Farsoon

Packaging: 15kg cartons. Made in Europe

These properties may vary with different scanning parameters.

These values reflect our state of knowledge and are not binding.

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