

PETG

TDS - Technical Data Sheet

Material specification

Commercial name: 3ntr PETG

Raw material: Copolyester

Designation: 3d printing material

Supplier: Jdeal-Form srl

Mechanical properties (GRANULE – printed part tests value available ASAP)*

Type	Test Method	Metric
Tensile Modulus	ASTM D638	TBA
Yeld Point	ASTM D638	TBA
Tensile Elongation at Yeld	ASTM D638	TBA
Tensile Strenght Ultimate	ASTM D638	TBA
Tensile Elongation at Break	ASTM D638	TBA

Thermal properties (GRANULE – printed part tests value available ASAP)

Type	Test Method	Metric
VICAT Softening	ISO 306B50	TBA
Glass Transition (TG)		TBA
Degradation Temperature		TBA

Physical characteristics

Type	Metric
Density	1,27gr/cm3
Diameter	2,85mm +/- 0,05
Roundness Deviation	Max 3%

Colors available

	Black	Natural	Red	Green	Blue	Yellow		
Shrink**	TBA	TBA%	TBA	TBA	TBA	TBA		

*test parts have been printed according to XZ orientation, using 100% infill, 0.2mm layer thickness, 0.4mm nozzle on a production A2v2 printer.

**150x150x15 test part, 25% infill, 0.2mm layers

The information supplied is supplied as informative: user should use it as material selection tool and/or comparison with available materials.

Printed part performance may differ from published value, depending on part orientation, printing parameters, environmental conditions.

User must validate suitability of the printed part and its lawful to be used as desired: no warranty can be made (express or implied) to any use of 3ntr materials.

We reserve the right to improve our polymer formulations and/or revise our technical data.