

TECHNICAL DATA SHEET

PET-G

BASE MATERIAL: PET-G 100%

PROPERTIES

PROPERTIES	VALUE	METHOD AND CONDITION	
PHYSICAL & MECHANICAL	Density	1,27 g/cm ³	ASTM D792
	IZOD Impact Strength, 3.2mm	100 J/m	ASTM D256
	Tensile strength	50 Mpa	ASTM D638
	Flexure Modulus	2110 Mpa	ASTM D790
	Flexure Strength	73 Mpa	ASTM D790
	Heat Deflection Temperature	70 °C	ASTM D648
	Optical transmittance	90%	ASTM D1003
	Optical Haze	<1,0%	ASTM D1003

SUGGESTED PRINTER SETTING

PARAMETERS	VALUE	UNIT
Extruder Temperature	210 - 230	°C
Print Speed	40 - 60	mm/s
Bed Material	0 - 70	°C
Drying Temperature	70 - 80 °C for 2-4 hr	

PRODUCT DETAILS & CERTIFICATION

Diameter	1,75 mm 2,85 mm	Tolerance ± 0,05mm Tolerance ± 0,10mm
REACH compliant FDA compliant ROHS certified	compliant compliant granule / raw material compliant	

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