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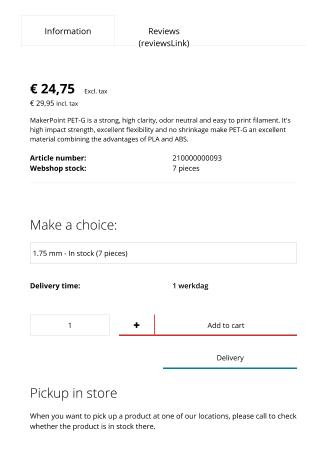
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MakerPoint PET-G 750gr Blue Transparent

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Information

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MakerPoint PET-G is a strong, high clarity, odor neutral and easy to print filament. Its characteristics, together with the high impact strength, excellent flexibility, and no shrinkage make PET-G an excellent material which combines the advantages of both PLA and ABS. The filament is hydrophobic and therefore does not absorb water. PET-G has many great features and is the perfect filament to have in addition to PLA and ABS. Also because it is Food Contact Acceptable (FCA).

Features:

- High clarity
 Change 8 Flag
- Strong & Flexible
- Almost no warping
- Hydrophobic (Does not absorb water)
- Food Contact Acceptable
- Odor neutral printing

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Dimensions

Size	Tolerance	Roundness
1,75mm	± 0,05mm	± 95%
2,85mm	± 0,10mm	± 95%

Colors

Maker Point PET-G is available from stock in 6 translucent colors, black and white. Special colors are available upon request with a minimum order quantity of 20 kg.

3D-printing

Description

EWS	nting technology
	nting temp.
REV	ated bed temp.
∝ ∗	oling fan
_	w Rate

Typical value

FFF 195-220°C ± 35-90°C 100%

Physical properties

Description	Test method	Typical valu
Density	ISO 1183	1,27 g/cc
MFR 190°C/2,16 kg	ISO 1183	6,4 gr/10 mi
Tensile strength at yield	ISO 527	50,4 MPa
Strain at yield	ISO 527	5,9%
Strain at break	ISO 527	22,7%
Tensile Modulus	ISO 527	2020 MPa
Flexural modulus	ISO 178	2050 MPa
Flexural strength	ISO 178	69 MPa
Impact Strength - Charpy method 23°C ISO 179		8,1 kJ/m2
Rockwell Hardness	ASTM D785	105
Moisture absorption	ISO 62	1104 pp

Thermal properties

Description	Test method	Typical value
Heat Deflection Temp	ASTM D648	70°C
Transparency	ASTM D1003	90%

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CONTACT

MakerPoint

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