

Product name: Matt PLA

Formfutura Matt PLA (polylactic acid) is modified to have a rough and matt surface finish. Matt PLA has excellent 3D printing properties and combines a distinguished surface quality with fine details reinforced by its matt appearance.

Properties	Typical value	Test Method	Test condition
Physical			
Specific gravity	1.38 g/cc	ISO 1183	-
Melt flow rate	14 g/10min	ISO 1133	210° C/2,16Kg
Water absorption	-	-	-
Moisture absorption	-	-	-
Mechanical			
Impact strength	±3.0 KJ/m²	-	-
Tensile strength	46 Mpa (MD)	ISO 527	@ yield
Tensile modulus	3973 Mpa	ISO 527	-
Elongation at break	-	-	-
Flexural strength	-	-	-
Flexural modulus	-	-	-
Hardness	-	-	-
Thermal			
Print temperature	± 215 - 235° C	-	-
Melting temperature	-	-	-
Viscat softening temp.	± 57° C	-	-
Optical			
Haze	-	-	-
Transmittance	-	-	-
Gloss	-	-	-

Product details, certifications and compliance		Diameter	Tolerance	Roundness
HS Code	39169090	1.75mm	± 0.05mm	≥ 95%
REACH compliant	Yes	2.85mm	± 0.10mm	≥ 95%
RoHS certified	Yes			

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