

Styx-12

PA12

Formfutura BV

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Strain at break	150	%	ISO 527
Charpy notched impact strength, +23°C	14	kJ/m ²	ISO 179/1eA
Shore D hardness	81	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	250	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ISO 1183

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011

Regional Availability

Europe