

Fabru TPU-53D

TPU

Fabru GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Elongation at Break	450	%	ASTM D 412
Other Standards^[5]			
Tensile Strength at Yield	44.8	MPa	ASTM D 412
Elongation at Yield	450	%	ASTM D 412
Shore D Hardness	53	-	

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Chemical Resistance

Oil Resistance

Regional Availability

Europe