

LUVOSINT TPU X97A-1 WT

TPU

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	46	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Shore A hardness	97	-	ISO 7619-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	180	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	4	°C	ISO 11357-1/-2
Other properties			
Density	1200	kg/m ³	ISO 1183
3D Data			
Other Standards^[S]			
Tensile strength, flat	26^[1]	MPa	DIN 53504
Tensile strength, upright	15^[2]	MPa	DIN 53504
Strain at break, flat	210^[1]	%	DIN 53504
Strain at break, upright	134^[2]	%	DIN 53504

1: XY-direction 2: ZX-direction S: These properties are reported by the producer according standards that are different to our defaults.

Characteristics**Processing**

Additive Manufacturing, Laser Sintering

Applications

Sports Equipment

Delivery form

Powder, White

Regional Availability

North America, Europe, Asia Pacific, South and Central America