

TPU98A

TPU

MCPN Netherlands B.V.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	150	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Strain at break TPE	450	%	ISO 527
Shore A hardness	98	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	-16	°C	ISO 11357-1/-2
ASTM Data			
Vicat Temperature	138	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ISO 1183

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

Grease Resistance, Oil Resistance

Regional Availability

Europe