

### Typical Physical Properties of TECHNO ALPHALLOY MPA1601

Property	Unit	Test Method	Typical Physical Properties
Tensile Strength	MPa	ISO 527	55
Flexural Strength	MPa	ISO 178	80
Flexural Modulus	MPa	ISO 178	2,190
Rockwell Hardness	—	ISO 2039	R111
Charpy Impact Strength	KJ/m <sup>2</sup>	ISO 179	16
Temperature of Deflection Under Load	°C	ISO 75	71
Melt Mass-Flow Rate	g/10min	ISO 1133 (240°C × 10kg)	18
Density	g/cm <sup>3</sup>	ISO 1183	1.09