

TMP-ALSi12-AM

June 2021



Alloy	Al	Si	Cu	Mg	Others
TMP-ALSi12-AM	Balance	11.0-13.3	1.0-2.0	0.4-1.0	Ni, Mn, Zn, Ti
Powder Morphology:	Gas Atomized				
Particles Sizes Available:	15-45 μm, and others upon request				
Particle Size Distribution:	D10		D50		D90
	16.74μm		28.43μm		49.59μm
Apparent Density:	1.18g/cm ³				
Tap Density:	1.5g/cm ³				
Angle of Response:	40.00°				

Application:

- Aerospace
- Automotive
- Thin-walled parts

Manufacturing Process:

- Additive Manufacturing

Hazards:

Observe safe practices.
See TMetal material safety data sheet for details.

Packaging:

5kg/ bottle, others upon request

Product Overview

TMP-ALSi12-AM has high strength-to-weight ratio, good thermal properties, and good corrosion resistance. It is frequently used in automotive, aerospace, and thin-walled applications such as heat exchangers.

Contact: tmetal.com/contact