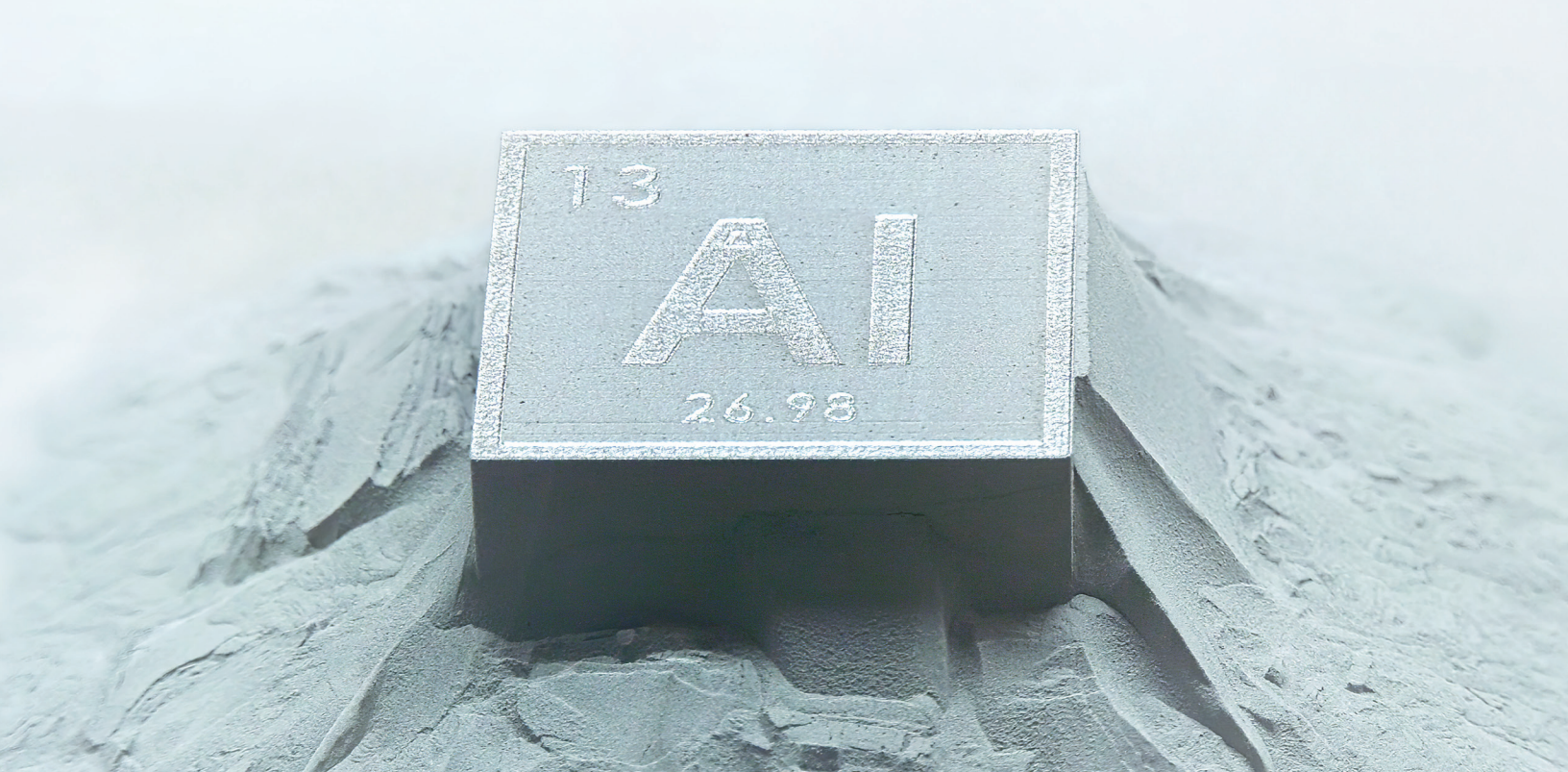




ALUMINUM 7A77.60L



3D PRINTED ALUMINUM 7A77.60L

HEAT TREATED MATERIAL PROPERTIES ^{1,2}	METRIC	IMPERIAL
YIELD STRENGTH	490 - 585 MPa	71 - 85 ksi
ULTIMATE TENSILE STRENGTH	520 - 615 MPa	75 - 89 ksi
ELONGATION	6 - 14 %	

¹ Tensile testing completed in accordance with ASTM E8

² Ranges depend on processing parameters and post build HIP and heat treatment conditions



POWDER SIZES

Available Powder D50 values ranging from 20 to 65 µm.

MATERIAL COMPOSITION (WT%)

Aluminum	Balance
Chromium	<0.1%
Copper	1.1 – 2.1%
Magnesium	1.8 – 2.9%
Zinc	4.5 – 6.1%
Zirconium	0.5 – 2.8%
Trace Elements	<0.15%



The information on this data sheet is believed to be accurate, however, no guarantee of its accuracy is made. The information set forth in the sheet is not intended to be a warranty, either expressed or implied, and any warranty accompanying any sale must be set forth in separate documents.

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