

AL SAFRA 4008

APPLICATIONS FIELD:

Alloy 4008 is produced with controlled lower levels of impurities than those present in alloys 4010 and 356.0, A356.0 and A357.0. It is a product that meets the chemistry requirements of AMS4181.

Alloys 356.0, A356.0 and A357.0 are typically used to manufacture sand and permanent mold castings. Alloy 4008 is an excellent choice to join or repair these castings and, if needed, it can be heat treated in order to increase its mechanical properties.

EN ISO 18273 2015:

S AL Z – AlSi7Mg

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SHIELDING GAS GMAW/GTAW

Argon EN ISO14175: I1

Gas flow rate 14 -18 L./min.

AVAILABLE SIZE

D300/K300/KS300 spools = 6-7kg each

Drums = from 80 from 250kg each

MIG

Diameter

1,0mm – 1,2mm – 1,6mm

TIG

Diameter

1,6mm – 2,0mm – 2,4mm – 3,2mm – 4,0mm

* Other diameters on request

CHEMICAL ANALYSIS

BY WEIGHT % in%(m/m) ^(a)

Si	6,5 – 7,5
Fe	<0,09
Cu	<0,05
Mn	<0,05
Mg	0,30-0,45
Zn	<0,05
Ti	0,04-0,15
Be	<0,0003
	altri <0,05
	altri totali <0,15
Al	Rem

(a) Single values shown in the table are maximum values, unless otherwise noted.