Standardization and composition

EN ISO 18273	S Al 4043A(AlSi5(A))
DIN 1732	3.2245
AWS A5.10	ER 4043
Si	4.5 - 6.0
Fe	<0.6
Cu	<0.30
Mn	<0.15
Mg	<0.05
Cr	-
Zn	<0.10
Zr	-
Ti	<0.15
Al	Balance
Be	<0.0003
Others	<0.15

Standards:

- DIN 1732 (3.2245)
- AWS A5.10 (ER 4043)
- DIN EN ISO 18273 (S Al 4043A(AlSi5(A))

Shielding gas (EN ISO 14175:)

- DIN 1732 (3.2245)
- AWS A5.10 (ER 4043)
- 100% Ar (I1)
- Ar / He mixture (I3)

Shielding gas (EN ISO 14175:)

- 100% Ar (I1)
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Standardization and composition

Physical properties

Make-up	Weight/Length	Dimension
S100	0.5 kg	0.80 / 1.00 / 1.20 /1.60mm
S200	2.0 kg	0.80 / 1.00 / 1.20 /1.60mm
S300	5.0 - 7.0 kg	0.80 / 1.00 / 1.20 /1.600mm
BS300	5.0 - 7.0 kg	0.80 / 1.00 / 1.20 /1.60mm
B300	5.0 - 7.0 kg	0.80 / 1.00 / 1.20 /1.60mm
bedrabox	80-150kg	1.00 / 1.20 / 1.60mm
Drum	60.0 - 140.0 kg	1.00 / 1.20 /1.60mm
Rods	5.0 - 10.0 kg	1.60 / 2.40 / 3.20 / 4.00 / 6.00mm x 1000mm

Physical properties

Density (g/cm³)	2.68
Melting range (°C)	573 - 625
Yield strength (MPa)	≥ 40
Tensile strength (MPa)	≥ 120
Elongation (%)	≥ 8

Delivery options