TIG SMV3S

Classification

EN 14700 : S Fe3 Material N° : 1.2343

Description & Applications

Solid rod for TIG welding and hardfacing steels of similar chemical composition. Product of high purity for welding without microporosity.

Main applications: For hardfacing forging tools, moulds...

Typical Chemical Composition (%)

C	Si	Mn	Cr	Mo	V	Fe
0.38	0.9	0.3	5.0	1.3	0.5	Rem.

All Weld Metal Mechanical Properties

Hardness
~58 HRC

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 6-12 l/min

Preheating at 300-400°C massive parts. Maintain temperature during welding and cold slowly.

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