

CARBOFIL A 250

MIG-MAG Wires Hardfacing

Carbofil A 250 is a solid wire for hardsurfacing of wear resistant parts, subject to heavy impact and shock. Carbofil A 250 is suitable for the welding of rail, rail crossing and wear parts such as rope rollers.

Classification

DIN	8555: MSG 1-GZ-250
EN	14700: S Fe1

Approvals

Grades

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Fe	W	Cu
0.30	1	0.50	-	-	1	-	-	-	-	-	-

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	-	-	-	-	225-275 HB

Gas test: Acc. To EN 439: M21(Arcal 21-Atal 6)

Shielding Gas: Acc. To EN 439: M21(Arcal 21-Atal 6)

Storage

keep dry and avoid condensation.

Current condition and welding position

DC+



Packaging data: K300 Kg. 16

Diameters	1,2					
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