

# CARBOFIL A 600

## MIG-MAG Wires Hardfacing

Carbofil A 600 is a solid wire for hardfacing surfaces to be subjected to abrasive wear. 570-660 HB is obtained in the all weld metal. In some cases the use of a buffer layer may be required.

Classification	
AWS	14700: S Fe8
DIN	8555: MSG 6-GZ-60-GP

Approvals	Grades

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

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Fe	W	Cu
0.45	0.40	3	-	-	9	-	1.40	-	-	-	-

### All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	-	-	-	-	57-62 HRC

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 +		
		
PA	PB	PC

**Packaging data:** K300 Kg. 16

Diameters	1,0	1,2	1,6			
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