



# CEWELD SP 1.0616

**TYPE** Copper coated solid thermal spray wire for coatings with high hardness.

**APPLICATIONS** Machine parts, storage surfaces, shafts, cylinder surfaces etc..

**PROPERTIES** Extremely hard, wear resistant high carbon alloy with excellent lubricating and sliding properties even at elevated temperatures.

**CLASSIFICATION** EN ISO 14919: 5.3  
W.Nr. 1.0616

**SUITABLE FOR** Flame spray, electric spray and high speed flame spray.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

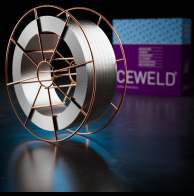
Si	Mn	Fe	C
0.25	0.6	Rem.	0.8

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded				55 HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** None



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SP 1.0616 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663409683