

## WC 729

Tungsten carbide coated wire for oxy-acetylene application

### SPECIFICATIONS

W, Ni, C, Cr

### PROPERTIES

WC 729 consists of nickel wire coated with cast tungsten carbide and nickel based alloy matrix the shape and hardness of the spherical cast tungsten carbide produces deposits with much higher wear resistance compared to standard cast and crushed Carbide.

The nickel-based alloy used in these products produces hardface deposits with excellent corrosion resistance.

WC 729 designed for application using oxy-acetylene process with excellent flow and wetting characteristics at a low welding temperature of 1050° C.

### TECHNICAL DATA

Carbide Hardness : 1900 - 2300 HV



### TYPICAL APPLICATIONS

Recommended for Hard facing and surface build-up on all types of steels except manganese steels. Typical applications like stabilizers and other field equipment, Augurs, Impellers, Mixer plates used for brick and clay manufacturing, food and chemical processing decanter screws.

### PROCEDURE

It is important that the surface to be hard faced should be clean & free from dirt such as rust, scale or grease, preferably by grinding or by shot blasting. Deposits should be made using a gas flame with neutral to slight excess acetylene. Wet deposits to the base metal with minimum penetration to avoid puddling and overheating.

### AVAILABILITY

Diameter (mm) : 4.0, 5.0, 6.0, 8.0

Packing : Endless coils : 5 kg



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