

## DESCRIPTION

Executive 70S-6 CCP is your best choice in S6 wires for consistency, reliability and exceptional value. Executive 70S-6 CCP is designed to exceed expectations by maintaining tight-tolerances within the AWS spec and ensuring that every heat/lot comes tested with actual chemistry and mechanicals.

Each heat of Executive 70S-6 CCP is certified to the current ASME standard and unique within the industry AS WELDED mechanical properties are provided as standard practice.

Executive 70S-6 CCP comes with actual Charpy impact test results for every heat/lot tested at -50°C (-58°F) to allow you to tackle extreme cold jobs with confidence.

## APPLICATIONS & FEATURES

Executive 70S-6 CCP operates smoothly with Argon gas and is optimized for welding steels with moderate amounts of mill scale or rust. A smooth, uniform copper coating prevents rust.

## TYPICAL WIRE CHEMISTRY & MECHANICAL PROPERTIES

C	Si	Mn	P	S
0.08	0.85	1.50	0.01	0.01

**Tensile Strength:** 75,400 PSI min      **Yield Strength:** 66,700 PSI min      **Elongation:** 30%

**Charpy V-Notch:** 61 J (45 ft/lb) at -50°C / (-58°F) with 100% Ar

## TYPICAL WELDING PARAMETERS

Process	Diameter	Voltage	Amperage	Speed (in/min)	Shielding Gas
GTAW	.062"	Direct Current; Electrode -			100% Ar
	.093"				
	.125"				
	.156"				

## STANDARD PACKAGING

**GTAW (TIG)**      10-lb plastic tube      40-lb carton

## CLASSIFICATION

AWS/SFA 5.18, Class ER70S-6 and CWB B-G 49A 3 C1 S6 (B-G 49A 3 C G6)

