

## PRODUCT OVERVIEW

**PMET 226** is a cored wire specifically designed for arc spray systems. It produces a hard, well bonded coating that is abrasive and corrosion resistant. PMET 226 can be easily machined with carbide tools, yielding a smooth, low coefficient of friction surface finish, suitable for a number of applications.

## TYPICAL DEPOSIT CHARACTERISTICS:

⇒ Typical Hardness:	HRC 55
⇒ Bond Strength:	5250 psi
⇒ Deposit Rate:	8 lbs/hr/100A
⇒ Deposit Efficiency	70%
⇒ Wire Coverage:	1.0 oz/ft <sup>2</sup> / mil
⇒ Surface Finish	Grind **

\*\* Grind using aluminum oxide

## SURFACE PREPARATION

Surface should be clean, white metal, with no oxides (rust), dirt, grease, or oil on the surface to be coated. **Note:** It is best not to handle surfaces after cleaning.

Recommended method of preparation is to grit blast with 24 mesh aluminum oxide, rough grind, or rough machine in a lathe.

## APPLICATION

- ⇒ Boiler Tubes & Tube Shields
- ⇒ Fan Blades
- ⇒ Food Processing
- ⇒ Paper Processing

## NOMINAL CHEMICAL COMPOSITION (wt%)

<b>Cr</b>	<b>Si</b>	<b>C</b>	<b>Mn</b>	<b>Fe</b>
28.0	1.0	5.0	1.0	Bal

## RECOMMENDED SPRAY PARAMETERS:

Diameter	Air Pressure	Voltage	Amperage	Standoff
1/16" (1.6mm)	*60 psi	*32	*100-200	4-8 in (10-20 cm)

\* Parameters are typical and may vary depending on equipment used. Contact your equipment manufacturer for optimum spray parameters

## STANDARD SIZES & PACKAGING:

<b>Diameter</b>	<b>Packaging</b>	<b>Part Number</b>
1/16" (1.6mm)	25# LWS	226062LWS01