

**PRODUCT OVERVIEW**

**PMET 75CrC-25NiCr** is a agglomerated and sintered 75%CrC-25%NiCr powder designed specifically for HVOF application. .

The powder is designed for applications requiring oxidation resistance and resistance to high temperatures

**TYPICAL DEPOSIT CHARACTERISTICS:**

- ⇒ Typical Hardness: 850 HV
- ⇒ Bond Strength: >10,000 psi
- ⇒ Maximum Service Temp. 871 C (1600 F)
- ⇒ Size -45 micron  
+15 micron

**APPLICATION**

- ⇒ Hydraulic cylinders
- ⇒ Piston rods
- ⇒ Boiler coatings
- ⇒ Pump seals
- ⇒ Furnace rolls
- ⇒ Hard chrome plating replacement

**NOMINAL CHEMICAL COMPOSITION (wt%)**

<b>Cr</b>	<b>Ni</b>	<b>C</b>
70%	20%	10%