

Introduction

86WC-10Co-4Cr is a tungsten carbide powder for HVOF thermal spray coatings. Its corrosion ability is better than WC-Co and WC-Ni and the tungsten carbide-based materials. The operating temperatures can be up to 900 ° F (482 ° C). It is widely used for water conservancy, mining and other industries to transport spiral stick, impeller, etc in order to strengthen the repair.

Equivalent: PMET 86-10-4

Chemical & Physical Properties

WC	Co	Cr	Flow Rate(s/50g)	Apparent Density (g/cm3)
85.0-87.0	9.0-11.0	4-6	≤25	4.4-5.2

Applications

- The metallurgical industry guide roller, conveyor roller, sink stick
- Printing machinery corrugated stick, pressure bachelor and so on
- Water conservancy, mining and other industries spiral rod, impeller, etc

Typical Deposit Characteristics

HV0.3	1000-1400
Porosity %	AVG<1%
Bonding strength	>70Mpa
Deposition efficiency	≥47%

Standard Sizes & Packaging

Bottle	5kg/bottle 4 bottles/box
Granularity	-45/+15µm