



PRODUCT DATA SHEET

Weartech 24P (WT-24P) Spray & Fuse Thermal Spray Powder

Description:

Weartech 24P is a nickel chrome boron copper moly alloy self-fluxing gas-atomized spray and fuse powder with a low melting point. It flows easily on to base metals and yields smooth deposits. It fuses well without sag-ging and is very corrosion resistant especially from acids.

Applications:

- Petrochemical Applications - Pumps, seats and shafts
- Marine

Forms Available: Spray & Fuse Powder +45/-125um (-120/+325 Mesh)

Typical Chemistry (wt%)								
C	Si	Ni	Cr	Mo	Fe	B	Cu	TAO
0.5	3.5	Bal	16.5	3	3	3.5	3.0	0.5

Deposit Characteristics	
Abrasion Resistance	Excellent
Impact Resistance	Poor
Corrosion Resistance	Very Good
Friction Resistance	Good
Hardness	HRc 55-60

Typical Physical and Mechanical Properties				
Density		Fusing Temp		Tensile Elongation
g/cc	lb/in³	°C	°F	
8.53	0.308	1032	1890	<1%