

Introduction

NiMoAl(P) is a nickel aluminum molybdenum cored wire that is specifically designed for arc spraying. It produces dense and well-bonded coatings with excellent wear resistance and good corrosion resistance. It is widely used for machine element repair, dimensional restoration and wear resistance applications.

Equivalent: Tafa 74MXC, Oerlikon, Metco 8447, PMET888

Chemical & Physical Properties

Ni	Mo	Al
Bal.	5	5.5

Applications

- Part restoration
- Wear resistant coatings

Deposit Characteristics

Typical Hardness	HRB 75--85
Bond Strength	7500 PSI
Deposit Rate	9lbs/hr/100A
Deposit Efficiency	75%
Machine ability	Good

Standard Dimensions

Wire	Diameter (mm)	Tolerance (mm)
	1.6, 2.0	+ 0 / - 0.05

Other sizes (diameter and wire weight) can be manufactured accordingly to the requirements of customers.

Packaging

Spool	15 kg(33 lbs) / spool (D300 spool)
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