## NSN 3439-01-478-3343

Metallic Overlay Welding Powder - Page 1 of 1



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Environmental Protection:
Any acceptable
Basic Material:
Aluminum and titanium
Content Within Each Unit Package:
12.5lbs
Special Features:
Nsn is used to purchase a of 24 containers and up; al o 13ti o, clad; -53+15 um (-270 mesh +15 um), wims 649; rc 60-63 hardness;
texture/finish as sprayed 200-400 brushed or tumbled 190-320, ground 10-35, lapped 2-8; coating numbers p130-10, p130-11, p130-12,
p130-14, t130-10 and t130-11; aluminum oxide-titanium dioxide composite.Produces dense coatings surpassed in hardness only by tungster
carbide.Coatings have excellent low-tempreature resistance to wear by hard bearing surfaces, abrasive grains, hard surfaces, fretting,
caviation and particle erosion. Corrosion resistance to most acids and alkalies. Wetting resistance to common aqueous solutions, and high
dielectric strength.Has high bond strength and high inter-particle cohesion.1020deg (f) service tempreature
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
T166-s