NSN 3439-01-478-3322

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:
5.0lbs
Special Features:
Nsn is used to purchase a of 20containrs to a of 59 containers; 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 tungsten carbide. Coatings have excellent low-tempreature resistance to wear by hard bearing surfaces, abrasive grains, hard surfaces,
fretting, cavitation and particle erosion. Corrosion resistance to most acids and alkalies. Wetting resistance to common aqueous sloutions,
and high dielectric strength. Has high bond strength and high inter-particle cohesion. 1020 deg (f) maximum service tempreature
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
T166-s