NSN 3439-01-478-4060

Metallic Overlay Welding Powder - Page 1 of 1



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Environmental Protection:
Any acceptable
Basic Material:
Cerium and zirconium silicate
Content Within Each Unit Package:
12.5lbs
Special Features:
Nsn is used to purchase a of 8 containers to a of 23 containers; zr o 25ce o 2.5y o; -90+16 um (-170 mesh +16 um); rc 30-35 hardness;
texture/finish as sprayed 350-500; cerium oxide, yttrium oxide stablized zirconium oxide powder. Spherical free flowing and fully alloyed
powder particles. Produces the best thermal barrier coatings (tbc's) in terms of lowest thermal conductivity and resistance to fatigue caused
by thermal cycling. Coatings also exhibit resistance to high tempreature degradation caused by fuel contaminants in jet
engines.Recommended for protection of critical metal components from heat and particle erosion at elevated tempreatures.Ideally suited fo
severe thermal barrier applications and offers greater high tempreature corrosion resistance against sodium, sulfur and chlorine
contaminants compared to 8% yttria zirconia coatings
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Fiig:
T166-s