

## Introduction

99Cr2O3 powder is a chromium oxide thermal spray powder that is used for Plasma spraying. The powder is used for hard, wear resistant and chemical insert surface. The operating temperature can be up to 540°C(1000°F). It is widely used in plunger, bushings, fan blades and so on.

**Equivalent:** Amdry 6415

## Chemical & Physical Properties

| Cr2O3 | Fe2O3  | SiO2  | Al2O3  | Free Metallic Cr | Total All Others | HV0.3    | Working Temperature | Melting point |
|-------|--------|-------|--------|------------------|------------------|----------|---------------------|---------------|
| 99.0% | ≤0.45% | ≤0.4% | ≤0.25% | ≤0.1%            | ≤0.5%            | 900-1200 | ≤540°C              | 2435°C        |

## Applications

- Plunger
- Shaft sleeve
- Fan blades,etc

## Standard Sizes & Packaging

|                    |                          |
|--------------------|--------------------------|
| <b>Bottle</b>      | 5kg/bottle 4 bottles/box |
| <b>Granularity</b> | -15/+45μm                |