

## Introduction

Cr2O3 5SiO2 3TiO2 powder is a chromium oxide thermal spray powder which is used for plasma spraying. It is used for hard, dense and extremely wear resistant coatings. The operating temperature can be up to 540°C (1000°F). The coatings are insoluble in most acids, alkali and alcohol.

## Chemical & Physical Properties

Cr2O3	Fe2O3	SiO2	TiO2	Organics	Others	Color	Working Temperature	Melting point
Bal.	<0.5%	2.5%-4.5%	<4.5%	≤2.0%	≤2.0%	Black	≤540°C	2435°C

## Applications

- Wear rings
- Textile parts
- Biomedical implantation
- Down-hole plungers

## Standard Sizes & Packaging

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