

## Chromium Oxide Dispersion

Chromium Oxide dispersion is used as a pigment, It is used in paints, inks, and glasses. It is used as a precursor for magnetic pigments. Chromium Oxide powder is also used a thermal spray material for protecting the underlying metal surface, and as an additive to corrosion-resistant and wear-resistant materials. Chromium Oxide powder are used in coatings of bearings, seals, orifices, and valve seals. Special attention has been focused on the formation and properties of chromium oxide (Cr<sub>2</sub>O<sub>3</sub>), which is important in specific applied applications such as in high temperature resistant materials, corrosive resistant materials, liquid crystal displays, green pigment, catalysts and so on.

## Properties

- ✓ Excellent Wear
- ✓ Excellent Abrasion Resistance
- ✓ High Chemical Resistance
- ✓ Anti-Reflective

## Quick Facts

Purity	: 99.9 %
APS	: 80nm
Concentration	: Customer requirement
Dispersing Agent	: Organic Solvent (DMF), IPA, Ethanol, Water (ddH <sub>2</sub> O)
Form	: Slurry, Suspension, Dispersion, Colloidal



## Applications

- ✓ Used as a pigment
- ✓ Used in paints, inks, and glasses
- ✓ High temperature nuclear reactor
- ✓ Manufacture of hard rustless steel, chrome plating, pigments, and dye

# Chromium oxide DISPERSION

**Cr<sub>2</sub>O<sub>3</sub>**  
Dispersion



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