



Chromium

CARBIDE POWDER

Chromium carbide is a chemical element with symbol and atomic number 24. Chromium metal is of high value for its high corrosion resistance and hardness. Chromium carbide is excellent refractory ceramic known for its hardness. Chromium carbide is a ceramic compound that exists as a gray solid at standard conditions. It is a very hard refractory ceramic material with an orthorhombic crystal structure, usually processed by sintering. Chromium carbide coating technology is of great interest because of its high hardness, thermal stability, wear and oxidation resistance.

Quick FACTS

- | | | | |
|------------|---------------------------|---------------|-----------|
| ✓ Product | : Chromium Carbide Powder | ✓ Purity | : 99% |
| ✓ Color | : Gray Powder | ✓ APS | : 40-50µm |
| ✓ Stock No | : NS6130-05-578 | ✓ Other Metal | : 8500ppm |
| ✓ CAS | : 12012-35-0 | | |



CE ISO 9001:2015
CERTIFIED COMPANY

ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

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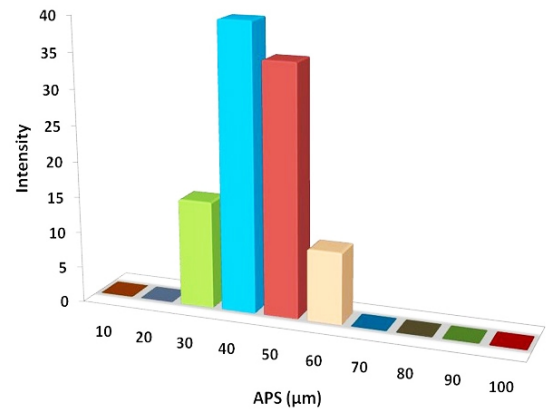
CARBIDE POWDER

Applications

- ✓ Corrosion resistance parts
- ✓ Hot working tools, brake pad production
- ✓ Grain growth inhibitors in carbide manufacturing
- ✓ Electroplating, and biotechnology

Packing Sizes Available

25Gms, 50Gms, 100Gms,
500Gms & Bulk Orders



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
Cr ₃ C ₂	180.01 g/mol	6.68 g/cm ³	1895 °C

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