

Chromium Carbide Cr_3C_2

Application

Cr_3C_2 is the most frequently produced chromium carbide. It is used as a grain growth inhibitor for sintering WC/Co hard metals, as hard phase for corrosion resistant hard metals and as compound for thermal spray powders and hard facing alloys.

Special sieve fractions on request.

Chemical Characteristics

Elements	Cr_3C_2 standard	Cr_3C_2 fine
	%	%
C total	12.9 – 13.4	12.9 – 13.4
Ca	0.050 max	0.050 max
Fe	0.30 max	0.30 max
Mo	0.10 max	0.10 max
N	0.20 max	0.20 max
Na+K	0.005 max	0.005 max
O	0.60 max	1.20 max
Si	0.050 max	0.050 max

Physical Characteristics

Grade	FSSS
	μm
fine	≤ 2.0
standard	2.0 – 4.0



Packing

- 50 kg in 40 l coated steel drums with rubber sealing and silica gel
- Material in PE- Bag

Maximum Lot Size

- 1.000 kg

Inspection certificate according
DIN EN 10204 3.1