



## Abrasives, Electro Minerals & Metals

### TECHNICAL DATA

**Brand Name:** *Ferro Chrome Grit* Mac'Ants Group Ref: **FC**

**Product:** Stainless Steel Abrasive Grit

**Description:** A Steel media with approx 30% chrome content to prevent oxidising.

**Application:** As near as its possible to get to a Stainless Steel Grit, in essence this is a steel grit with upto 30% chrome which prevents oxidation and increases lifespan. Generally intended for applications where Alumina is used an a higher density product is beneficial and specifications do not prevent its use. Deshelling castings in either an air or a specialist wheel system

#### Chemical Composition:

Compound	Chemical Formula	Typical Content %
Chrome	Cr	28-30
Carbon	C	2.0
Silicon	Si	1.4 - 1.8
Sulphur	S	0.15 - 0.2
Phosphorus	Ph	0.5 - 1
Manganese	Mn	0.3 - 1.0

#### Physical Parameters:

Bulk Density	4.6 g /cc
Shape	Angular
Colour	Shining
Specific Gravity	NA
Hardness	595-800HV (9 moh)

#### Gradation:

GRADE	FC12	FC14	FC16	FC18
Product Size (mm)	1.70 - 2.40	1.40 - 2.00	1.20 - 1.70	1.00 - 1.40
GRADE	FC25	FC40	FC50	FC80
Product Size (mm)	0.70 - 1.20	0.42 - 1.00	0.30 - 0.71	0.18 - 0.42

FC120 available on special order 300-75 micron

#### Packaging:

Typically 25 kg woven polypropylene sacks, but 1000kg big bags are available and custom label on application. Special Aluminised sacks on request

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**Mac'Ants Group**, Todwick Road, Dinnington, Sheffield S25 3SE UK  
Tel: +44 (0) 1909 552500 Fax: +44 (0) 1909 568726  
Email: [group@macants.co.uk](mailto:group@macants.co.uk) [www.macants.co.uk](http://www.macants.co.uk)