



## Abrasives, Electro Minerals & Metals

### TECHNICAL DATA

**Brand Name:** *Chilled Iron Grit* Mac'Ants Group Ref: **CI**

**Product:** Cast Iron Abrasive Media

**Description:** A recast fused iron abrasive media in granular form.

**Application:** A tough and aggressive metal abrasive, which offers a clean cutting edge with every pass. Due to its high aggression and ferrous make up this product is specified for use on ferrous substrates or materials where ferrous cross contamination are acceptable.

#### Chemical Composition:

Compound	Chemical Formula	Typical Content %
Carbon	C	2.5 - 3
Silicon	Si	1.4 - 1.8
Sulphur	S	0.15 - 0.2
Phosphorus	Ph	0.5 - 1
Manganese	Mn	0.3 - 0.5

#### Physical Parameters:

Bulk Density	4.6 g /cc
Shape	Angular
Colour	Grey
Specific Gravity	NA
Hardness	750 HV (9 moh)

#### Gradation:

GRADE	G80	G66	G55	G47	G39	G34
Product Size (mm)	2.00 - 2.80	1.70 - 2.40	1.40 - 2.00	1.20 - 1.70	1.00 - 1.40	0.85 - 1.20
GRADE	G24	G17	G12	G07	G05	G02
Product Size (mm)	0.60 - 1.00	0.42 - 0.85	0.30 - 0.71	0.18 - 0.42	0.12 - 0.30	0.13

Minimum percentage of media between sizes shown varies from 60% to 100% subject to particular grade, full details on request.

#### Packaging:

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

**Comment:** Manufactured to specification ISO 11124-2 : 1993, (BS7079: Part E2 : 1994).

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Date: February 2011

Document Status: **Controlled / Uncontrolled**