

Datasheet | Abrasives

CHILLED IRON GRIT

GENERAL INFORMATION

Abrasive	Chilled iron grit
Shape	Angular

SIZES

G 05	0.10 – 0.30 mm 0.003" – 0.012"	G 39	1.00 – 1.40 mm 0.039" – 0.056"
G 07	0.20 – 0.40 mm 0.007" – 0.017"	G 47	1.20 – 1.70 mm 0.047" – 0.066"
G 12	0.30 – 0.70 mm 0.012" – 0.028"	G 55	1.40 – 2.00 mm 0.056" – 0.079"
G 17	0.40 – 0.80 mm 0.017" – 0.033"	G 66	1.70 – 2.40 mm 0.066" – 0.094"
G 24	0.60 – 1.00 mm 0.023" – 0.039"	G 80	2.00 – 2.80 mm 0.079" – 0.111"
G 34	0.80 – 1.20 mm 0.033" – 0.047"		

PHYSICAL PROPERTIES

Hardness	min. 64 HRC (min. 800 HV1)
Specific weight	min. 7.2 g/cm³
Bulk weight	ca. 4.4 kg/l
Microstructure	Zementite; martensite

MODE OF USE

Reusable blasting medium

CHEMICAL COMPOSITION

C	2.20 – 3.20 %	S	max. 0.05 %
Si	0.80 – 1.50 %	P	max. 0.05 %
Mn	0.30 – 0.85 %		

APPLICATIONS

Surface preparation before coating

Derusting Roughening

Decoating

SHOT BLASTING SYSTEMS

Compressed air

CERTIFICATIONS & SYSTEM APPROVAL

Standards	ISO 11124-2; (DIN 8201-3)
Certifications	ISO 9001



Subject to change without notice. All specification are only a general description of our products. For detailed information please ask for our product leaflets.

INFO

Chilled iron grit is an angular abrasive medium. It is produced by melting of cast iron scrap in a cupola furnace and atomizing by means of water jet. Afterwards shot is crushed. There is no thermal treatment. Due to the high hardness it is very brittle so it breaks into sharp-edged particles repeatedly.

PACKAGING



Bags

25 kg (55 lbs)
1,000 kg (1,102 lbs)
per pallet (= 40 bags)



Big Bag

1,000 kg
(2,205 lbs)



**Keep
Dry**