



## Chilled Iron Grit

### Opta Minerals your source for Blast Cleaning Abrasives:

- Aluminum Oxide
- Blackblast - Coal Slag
- Chilled Iron Grit
- Corn Cobs
- Ebonygrit - Copper Slag
- International Garnet
- Garnet
- Glass Beads
- Greengrit - Crushed glass
- Plastic Media
- Powerblast LS - Staurolite
- Super Steel Shot
- Super Steel Grit
- Ultrablast - Nickel Slag
- Walnut Shells
- Blast Cleaning Equipment

Chilled Iron Grit is produced from carefully selected alloy-free iron scrap that is re-carbonized in a hot blast furnace. The shot obtained by this process is then crushed into grit.

Chilled Iron Grit is a white iron structure that shatters on impact rather than wearing round. The fresh edges exposed by this process combined with a high degree of hardness result in a faster cutting/cleaning action.

A high-velocity abrasive, Chilled Iron Grit is used in blast rooms with abrasive reclaim systems and in portable pressure blast equipment, and is most often used for extremely fast blast cleaning of steel and iron components.



### ADVANTAGES OF CHILLED IRON GRIT

- Wide range of grades available
- Precise – tight-screen analysis of all sizes guarantees an even and consistent finish, reducing priming and painting costs
- Fast – breaks down into more angular particles, resulting in a fast cut/clean
- Easily recyclable
- Economical alternative to steel grit abrasives

### AVAILABLE SIZES AND GRADES

Mesh No.	Screen Size	G14	G18	G25	G40	G50	G80
7	2.80						
8	2.36						
10	2.00	All Pass					
12	1.70						
14	1.40	80% min	All Pass				
16	1.18	90% min		All Pass			
18	1.00		75% min		All Pass		
20	0.850						
25	0.710		85% min	79% min		All Pass	
30	0.600						

### Contact Us

Our sales team is ready to help you to determine the right product for your job.  
 For more information please call us:  
 Toll-free: 888-689-6661  
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## AVAILABLE SIZES AND GRADES

Mesh No	Screen Size	G14	G18	G25	G40	G50	G80
35	0.500						
40	0.425			80% min	70% min		All Pass
45	0.355						
50	0.300				80% min	65% min	
80	0.125					75% min	65% min
120	0.125						75% min
200	0.1075						

## TECHNICAL SPECIFICATIONS (IN %)

Symbol	Name	Percentage
C	(Carbon)	2.20 – 3.60%
Mn	(Manganese)	< 0.50%
Si	(Silicon)	< 2.20%
S	(Sulphur)	< 0.20%
P	(Phosphorus)	< 0.25%

## CHARACTERISTICS

Colour:	Grey
Bulk Density:	7.0 g/cm <sup>3</sup>
Specific Gravity:	3.8
Grain Shape:	Angular
Solubility:	Insoluble
Hardness:	60-67 HRC

## PACKAGING

55 lb paper bags, 40 bags (2,200 lb) in a super sack  
 2200 lb super sacs  
 1800 lb steel drums