



## 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 XC - Staurolite
- Powerblast GS - Indian Garnet
- Super Steel Shot
- Super Steel Grit
- Sodium Bicarbonate (Soda Blasting)
- Ultrablast - Nickel Slag
- Walnut Shells
- Blast Cleaning Equipment

## Chilled Iron Grit

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.

Chilled Iron Grit is used in blast rooms with abrasive reclaim systems and in portable pressure blast equipment.



### ADVANTAGES OF CHILLED IRON GRIT

- Wide range of grades available
- Consistent profile – tight-screen analysis of all sizes guarantees an even and consistent finish, reducing priming and painting costs
- High cleaning speed – 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						
35	0.500						

## Contact Us

Contact us today and let our experienced sales team help you find the right product to meet your needs. For more information please call us:  
 Toll-free: 1-888-689-6661  
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[www.optaminerals.com](http://www.optaminerals.com)

## AVAILABLE SIZES AND GRADES

Mesh No	Screen Size	G14	G18	G25	G40	G50	G80
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
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Bulk Density:	7.0 g/cm <sup>3</sup>
Specific Gravity:	3.8
Grain Shape:	Angular
Solubility:	Insoluble
Hardness:	60-67 HRC (see our hardness index)

## PACKAGING

55 lb. bags, 40 bags (2,200 lb.) in a Super Sack  
 2200 lb. Super Sacs  
 1800 lb. steel drums