CAST IRON GRIT GH

Cast iron grit is produced by the melting of cast iron with the subsequent atomisation and crushing of the grains. Due to the extreme hardness, the grain breaks into sharp-edged particles during the blasting process. This gives the operating mixture its permanently high cleaning and roughening properties.

APPLICATIONS

- Reusable abrasive
- Rust removal
- Paint-stripping
- Roughening

BLASTING SYSTEMS

- Pressure blast systems
- Airless blast-cleaning equipment *(wear-resistance recommended)*

Typical physical properties	
Hardness of the new grain	approx. 640 HV (56 HRC)
Grain shape	angular
Melting point	approx. 1535°C
Density	approx. 7,0 g/cm³
Bulk density (depending on granular size)	approx. 3,0 - 4,6 g/cm³
Microstructure	martensitic

Typical chemical analysis	
C	2,80 - 3,20 %
Si	1,00 - 1,50 %
Mn	0,35 - 0,90 %
P	0,10 - 0,20 %
S	0,07 - 0,12 %
Fe	Remainder

Packaging
25 kg bags on pallet up to 1 ton
1 ton loose in big bag

Available sizes	
Description	Average grain size (mm)
G 02	0,1 - 0,2
G 05	0,1 - 0,3
G 07	0,2 - 0,4
G 12	0,3 - 0,6
G 17	0,4 - 0,8
G 24	0,6 - 1,0
G 34	0,8 - 1,2
G 39	1,0 - 1,4
G 47	1,2 - 1,7
G 55	1,4 - 2,0
G 66	1,7 - 2,4
G 80	2,4 - 2,8

Other grain sizes can be produced if required.

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