OTHER PRODUCTS IN GROUPS - METALLIC SANDBLASTING

CHILLED IRON

CHILLED IRON GRIT IS PRODUCED BY THE MELTING OF CAST IRON WITH THE SUBSEQUENT ATOMIZATION 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.

Product code: OM-CI

Description

Chilled Iron Grit is produced by the melting of cast iron with the subsequent atomization 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)

METALLIC - SANDBLASTING - CHILLED IRON

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

TYPICAL PHYSICAL PROPERTIES	
Hardness of new grain	± 640 HV (56 HRC)
Grain shape	Angular
Density	Approx. 7,8 g/m^3
Bulk density (Dependent upon granular size)	Approx. 3,0 - 4,6 g/m^3
Microstructure	Martensitic

PACKAGING
25 kg paper or plastic bags on pallet up to 1 ton
1 ton loose in bulk bag
Other packaging available upon request

AVAILABLE SIZES

SPECIAL SIZES

Specialty sizes available upon request

REGULAR SIZES

Description	Avg. 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	2,0 - 2,8