



Stainless Steel Cr shot

Stainless steel Cr shot is produced by means of a melting process and subsequently reshaped into irregular particles. The low nickel content and heat treatment produce a hardened shot that reduces blasting times.

Applications

- Reusable abrasive
- Sand removal
- Descaling
- Micro and structural blasting

Blasting systems

- Pressure blast systems
- Airless blast-cleaning equipment

Typical physical properties

Hardness of the new grain	+/- 40 HRC (390 HV)
Hardness in operating mixture	+/- 50 HRC (530 HV)
Grain shape	irregular
Melting point	approx. 1450 – 1500 °C
Density	approx. 7,0 g/cm ³
Bulk density <small>depending on granular size</small>	approx. 3,8 – 4,6 g/cm ³
Microstructure	martensitic

Typical chemical analysis

Cr	12,00 – 20,00 %
Si	max. 4,00 %
Mn	max. 2,00 %
Ni	max. 0,95 %
C	max. 0,30 %

Packaging

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

Available sizes

Description	Average grain size (mm)
BETA 010	0,0 – 0,2
BETA 020	0,1 – 0,3
BETA 030	0,2 – 0,4
BETA 040	0,4 – 0,9
BETA 050	0,6 – 1,0
BETA 060	0,7 – 1,2
BETA 090	0,9 – 1,4
BETA 100	1,0 – 1,7
BETA 150	1,2 – 2,4
BETA 200	1,7 – 3,4

Other grain sizes can be produced if required.



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