



## Abrasives, Electro Minerals & Metals

### TECHNICAL DATA

Brand Name: **Stainless Steel Shot** Mac'Ants Group Ref: **S.S/S(LN)**

Product: Cast Stainless Steel Media

Description: A water cast stainless steel abrasive media of the Chrome Nickel variety.

Application: Stainless Steel Shot is used for blasting applications on stainless steel and aluminium as well as other non-ferrous metals. It can only be utilised in air driven systems given its hardness. Indeed a particular appeal of its physical characteristics is its ability to case harden. As it's used, it becomes harder giving an extended blast life up to 1500-2500 passes.

#### Chemical Composition:

Compound	Chemical Formula	Typical Content %
Chromium	Cr	16 - 18
Nickel	Ni	2.5-3.5
Carbon	C	0.3
Silicon	Si	1.8
Manganese	Mn	1.2

#### Physical Parameters:

Bulk Density	4.6 g /cc
Shape	Compact semi spherical
Colour	Dark Grey
Specific Gravity	NA
Hardness	Typically 25HRC as produced, increasing to approx 55HRC after use.

#### Gradation:

GRADE	10	20	30	40
Product Size (mm)	0.106 - 0.18	0.18-0.25	0.25 - 0.425	0.425 - 0.63
GRADE	50	60		
Product Size (mm)	0.63 - 0.85	0.85 - 1.0mm		

#### Packaging:

Typically 25 kg metallised sacks with polypropylene liner or 25kg tubs.

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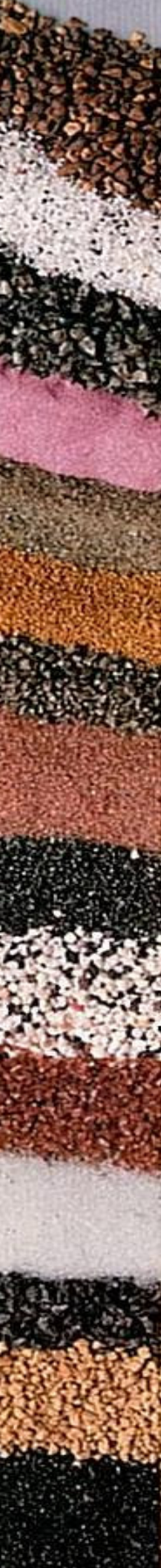
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