



Abrasives, Electro Minerals & Metals

TECHNICAL DATA

Brand Name: **Mil' Spec' Steel Shot** Mac'Ants Group Ref: **MILSS**

Product: Peening Steel Shot AMS2431

Description: High grade Steel Shot graded to comply with AMS2431.

Application: Steel Shot gives a hammered or peened effect for use on ferrous castings and fabrications. This media is conditioned and complies with Military Specification MIL-S-13165C and AMS 2431

Chemical Composition:

Compound	Chemical Formula	Typical Content %
Carbon	C	0.85 - 1.2
Silicon	Si	0.4 - 1.5
Sulphur	S	0.05
Phosphorus	Ph	0.05
Manganese	Mn	0.35 - 1.2

Physical Parameters:

Bulk Density	±4.6 g /cc
Shape	Shot - Spherical
Colour	Blue Grey
Specific Gravity	NA
Hardness	SS: 45 - 51 HRC SS-M: 51 - 54 HRC SS-X 58HRC

Gradation:

GRADE	SS780	SS660	SS550	SS460	SS390	SS330
Product Size (mm)	2.00 - 2.80	1.70 - 2.40	1.40 - 2.00	1.20 - 1.70	1.00 - 1.40	0.85 - 1.20
GRADE	SS280	SS230	SS170	SS110	SS70	
Product Size (mm)	0.71 - 1.0	0.60 - 0.85	0.42 - 0.71	0.30 - 0.50	0.18 - 0.35	
Minimum percentage of media between sizes shown varies to comply with AMS2431 specifications.						

Packaging:

Typically 25 kg woven polypropylene sacks, but 1000kg big bags are available and custom label on application

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