

PRODUCT INFORMATION

PRODUCT SHEET HM-PI-004-09-21

STEEL SHOT

Steel shot is produced out of a steel alloy with less percentage carbon, sulphur, phosphorus and chrome. It is a very tough material with a long lifetime

CHEMICAL ANALYSIS

C 0.80 - 1.2%
Mn 0.60 - 1.2%
Si 0.40 - 1.5%
P < 0.04%
S < 0.05%

SHAPE

Round

NATURE

Metallic

COLOUR

Grey

HARDNESS

40 - 50 HRC

BULK WEIGHT

4.0 - 4.5 kg/dm³

SPECIFIC WEIGHT

7.4 kg/dm³

GRAIN SIZE

S.780	1.7 - 2.4 mm
S.660	1.4 - 2.2 mm
S.550	1.2 - 2.0 mm
S.460	1.0 - 1.7 mm
S.390	0.9 - 1.4 mm
S.330	0.7 - 1.2 mm
S.280	0.6 - 1.0 mm
S.230	0.5 - 0.8 mm
S.170	0.4 - 0.7 mm
S.110	0.2 - 0.5 mm
S.070	0.1 - 0.3 mm

PACKING

In 25 kg paper bags on pallets of 1000 kg each, covered with a shrink foil.

APPLICATION

In wheel machines:
- Blasting steel plates and profiles
- Deburring and cleaning of castings
- Shot peening.

Sometimes there is used a mix of shot and grit, depending of required roughness.