

72.05 - Granules and powders, of pig iron, spiegeleisen, iron or steel.

7205.10 - Granules

- Powders :

7205.21 - - Of alloy steel

7205.29 - - Other

(A) GRANULES

Granules are defined in Note 1 (h) to this Chapter.

This heading covers granules, i.e., shot, more or less round in shape, and angular "grits".

Shot is produced by pouring liquid iron or steel into cold water or into a jet of steam; the grits are obtained by the crushing of shot, or by cold crushing sheets, etc., of hardened metal.

These goods remain in this heading whether or not they have been graded by size.

Shot and grit are used for cleaning up and descaling or surface hardening (shot peening) metal, for polishing or engraving on metal or glass, for working stone, etc. They are also sometimes added to concrete as a hardener or to increase its impermeability to X-rays or gamma rays.

This heading also covers **wire pellets** produced by cutting iron or steel wire, and used for the purposes mentioned above.

(B) POWDERS

Powders are defined in Note 8 (b) to Section XV.

Powders of pig iron, spiegeleisen, iron or steel are materials suitable for compacting or agglomeration and are produced by atomisation of molten iron or steel, by the reduction of iron oxides (dry process), by crushing pig iron, sponge iron or steel wire, by precipitation (wet process), by decomposition of ferro-carbonyl, by the electrolysis of aqueous solutions of iron salts or by pulverising iron or steel (including pulverised filings).

These powders (including sponge iron powder) can be sintered into various articles, including cores for electromagnetic coils in telephony, in magnetos, etc. They are also used in the manufacture of welding electrodes and welding powders, in the chemical industry (especially as reducing agents), and sometimes in the preparation of pharmaceutical products (powder obtained by pulverising iron filings).

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The heading **does not cover** :

- (a) Radioactive iron powders (isotopes) (**heading 28.44**).
- (b) Iron powders put up as medicaments in the sense of **heading 30.03** or **30.04**.
- (c) Granules and powders of ferro-alloys (**heading 72.02**).

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- (d) Waste filings and turnings of iron or steel (**heading 72.04**).
- (e) Small defective bearing balls which, though often used for the same purposes as shot, are classified in **heading 73.26** in accordance with Note 6 to Chapter 84. Such bearing balls differ from shot because they have a more regular and finished appearance and are made of better quality steel.