

SPHERICAL STEEL SHOT (GRENAILLE SPHERIQUE)



MEDIUM CHEMICAL ANALYSIS:

- Carbone 0,80 à 0,85 %
- Silicium 0,07 à 0,90 %
- Manganèse 0,06 à 0,70 %
- Soufre 0,05 %
- Phosphore 0,05 %
- Fer % restant

Pallets of 1 ton (40 bags of 25 kg).
The shipping costs are automatically calculated in your shopping cart, depending on your delivery department and the weight ordered.

TECHNICAL CHARACTERISTICS :

Color: Steel

Form of grain: Spherical

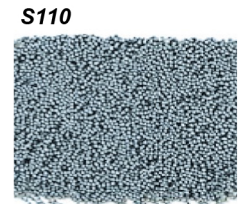
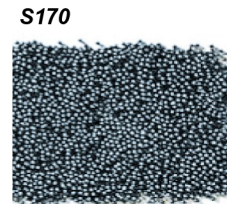
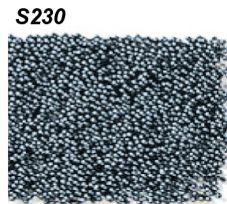
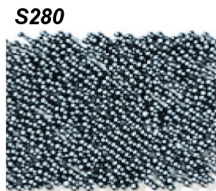
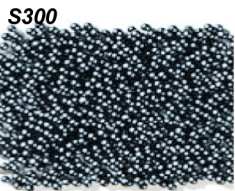
Real density: about 7.6 Kg / dm³

Hardness: S780/S70 sphérical average 45/50 HRC (Rockwell)

Granulometry: According to SAE J 444

Dimensions : Between 0.2 and 3 mm.

No. SAE	Granulometry (in mm)	ASTM sieve
S780	2 à 2,82	85 %
S660	1,7 à 2,38	85 %
S550	1,4 à 2	85 %
S460	1,2 à 2	85 %
S390	1 à 1,68	85 %
S330	0,8 à 1,41	85 %
S280	0,7 à 1,19	85 %
S230	0,6 à 1	85 %
S170	0,4 à 0,84	90 %
S110	0,3 à 0,59	80 %
S70	0,2 à 0,42	80 %



Aperçus pour comparaison uniquement.

Applications: It is obtained by atomization of liquid steel followed by a series of thermal and mechanical treatments which give it technical characteristics perfectly adapted to the needs of the users. The round shot, processed for a hardness of between 45 and 50 HRC, is mainly used in turbine machines for the cleaning of metallic ferrous surfaces and for Shot peening operations. The roughness obtained is low, whereas the effect of mass, therefore the impact is important.

Uses: by spraying with compressed air or turbine, Stripping, descaling, deoxidation, surface preparation before painting or others.

USE Spherical shot
recommended for some applications

	Spare parts Grey font			Spare parts Malleable cast iron			Spare parts Cast steel			Parts forged			Sheets in steel			Paint stripping After heat treatment			laminates And profiles			Wire in coils strips tools
	big	average	small	big	average	small	big	average	small	big	average	small	5 at 10 mm	2 at 6 mm	0,1 at 2 mm	big	average	small	big	average	small	
S70																						
S110																						
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S550																						
S660																						
S780																						

Round cast steel shot is an abrasive used in many applications related to surface treatment. It is in the form of round particles, with dimensions between 0.1 and 3 mm.