



FastBlast™ Chilled Iron Shots

Product Description and Technical Data:

FastBlast™ Chilled Iron Shots are manufactured from hypo-eutectic composition iron to produce a structure of iron carbide in a martensite matrix.

Iron abrasives are hard and break down in a manner which ensures continual exposure of new sharp cutting edges. It is this mechanism which provides their characteristic rapid cleaning action and a silvery, sharp edged profile to surfaces after blast treatment.

Chilled Iron Shots are made in accordance with technical specification of BS 2451.

Spherical particle shaped, available in a wide range of sizes from 8mm down and including all the shot grades contained in BS 2451 specification, which are generally used in non-abrasive applications.

Ferrodin (R)/Ballast-Pak (R) - specially blended forms of iron abrasives, both round and angular designed to satisfy individual requirements in high density aggregate and shielding type applications.

Other typical applications include: vibration and noise suppression, wear resistant surfaces, roll etching, stone sawing, etc..



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FastBlast™ Abrasive Properties:

Shape	Spherical	Total Carbon %	2.50 - 3.00
Hardness (HRC min)	62	Silicon %	1.40 - 1.80
Bulk Density (kg/m³)	4250	Sulphur %	0.14 - 0.20
Particle S.G.	7.0	Manganese %	0.30 - 0.50
Size Standard	BSS	Phosphorus %	0.50 - 1.00





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TECHNICAL DATA

FastBlast™ Available Sizes:

BSS (BS2451)	S070	S120	S170	S240	S340
Mesh Size (mm)	0.18 - 0.42	0.30 - 0.60	0.42 - 0.85	0.60 - 1.00	0.85 - 1.40
MIN% between sizes shown	80%	80%	85%	85%	85%

BSS (BS2451)	S390	S470	S550	S660	S800
Mesh Size (mm)	1.00 - 1.70	1.18 - 2.00	1.40 - 2.00	1.70 - 2.36	2.00 - 2.80
MIN% between sizes shown	85%	85%	85%	85%	85%

FastBlast™ Packaging:

25kg Bags or Drums of 750kg/800kg	1 Tonne Pallet (40 x 25kg Bags) or Drums
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FastBlast™ Ordering Information:

Stock Code	ASA-CISXXX
Key	XXX - Product Grade BSS (e.g. 170 for S170)