

ALPHA

Stainless Steel Shot Cr

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Areas of Application

- Reusable abrasive
- Sand removal
- Descaling
- Deburring
- Micro blasting
- Structural blasting
- Sweep blasting of zinc-plated parts
- Surface finishing
- Reusable abrasive

Blasting Systems

- Pressure blast systems
- Wheel blasting systems

Packaging

- 25 kg bags on Pallet -1 MT

Stainless steel shot Alpha is an non-magnetic Austenitic stainless steel shot. It has a high durability (life cycle) excellent corrosion resistance. It is superior in durability to other Cr based stainless steel abrasives. Applications include stainless steel components, aluminium die castings, non ferrous components.

Physical Properties

Hardness of the new shot	250HV +/- 10%
Hardness of the operating mix	440HV +/- 10%
Grain shape	Round
Melting point	approx 1 450° - 1 500°C
Specific gravity	approx 7g/cm ³
Bulk density*	approx. 3.8 - 4.6 g/cm ³
Microstructure	Austenitic

*depending on granular size

Typical Chemical Analysis

Cr	16.00 - 19.00%
Si	max. 4.00%
Mn	max. 2.00%
Ni	7.50 - 9.50%
C	max. 0.30%

Available size ranges

Designation	Sieve size range (mm)	Designation	Sieve size range (mm)
Alpha 010	0.0 - 0.2	Alpha 060	0.7 - 1.2
Alpha 020	0.1 - 0.3	Alpha 090	0.8 - 1.4
Alpha 030	0.2 - 0.5	Alpha 100	1.0 - 1.7
Alpha 040	0.4 - 0.8	Alpha 150	1.18 - 2.36
Alpha 050	0.6 - 1.0	Alpha 200	1.7 - 3.35

Other sieve sizes can be produced on request.

Comment: For safety reasons, we recommend that a protective strainer is used when filling the blasting equipment.

Manufactured by:



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