

PRIME

Stainless Steel Shot Cr **Beta PRIME**

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 Cr Beta-PRIME is an attractively priced alternative to stainless steel shot CrNi. It has a similar durability (life cycle) to CrNi and is significantly 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	350HV +/- 10%
Hardness of the operating mix	400HV +/- 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	Martensitic

*depending on granular size

Typical Chemical Analysis

Cr	12.00 - 18.00%
Si	max. 4.00%
Mn	max. 2.00%
Ni	max. 0.85%
C	max. 0.30%

Available size ranges

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