

Stainless Steel Cut Wire CrNi

Reusable stainless abrasive · Datasheet

Areas of application

- Reusable abrasive
- Blast cleaning
- Deburring
- Sand removal
- Descaling
- Fettling
- Surface preparation
- Shot peening
- Concrete and natural stone cleaning

Blasting systems

- Pressure blast systems
- Wheel blasting machines

Packaging

- 25 kg sacks on pallet up to 1 t
- 1 t loose in a big bag

Deliverable standards and specifications

- DIN 8201-4
- SAE AMS 2431/4
- SAE J441

A high performance material, stainless steel cut wire with chrome and nickel is used for shot peening and granite stone processing. The product is valued for its longevity and corrosion protection properties.

Physical properties

Hardness	approx. 400–670 HV, depending on grain shape and diameter
Grain shape	cylindrical / rounded
Melting point	approx. 1,450–1,500 °C
Specific gravity	approx. 6.5–7.8 g/cm ³
Bulk density*	approx. 3.8–4.8 g/cm ³

*Depending on grain size.

Typical chemical analysis

Cr	11.50–20.0 %
Mn	max. 7.50 %
Si	max. 1.00 %
C	max. 0.15 %
P	max. 0.06 %
S	max. 0.030 %
Ni	max. 10.0 %
Fe	rest

Available grain sizes (diameter, mm)

0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	2.0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Other grain sizes can be produced on request.

Note: For safety reasons, we recommend using a protective strainer when filling the blasting equipment.