



STELUX CN

High Chromium-Nickel Stainless Steel Shot designed for critical rust-free cleaning & blasting operations.

The specific characteristics of the STELUX CN, such as austenitic microstructure, ferrous free contamination and work hardening makes it the most suitable stainless steel abrasive media for the preparation of non-ferrous metals and stainless steel parts, without the risk of discoloring the surface. Meets the most stringent standards like NADCA and ASTM A 380M.



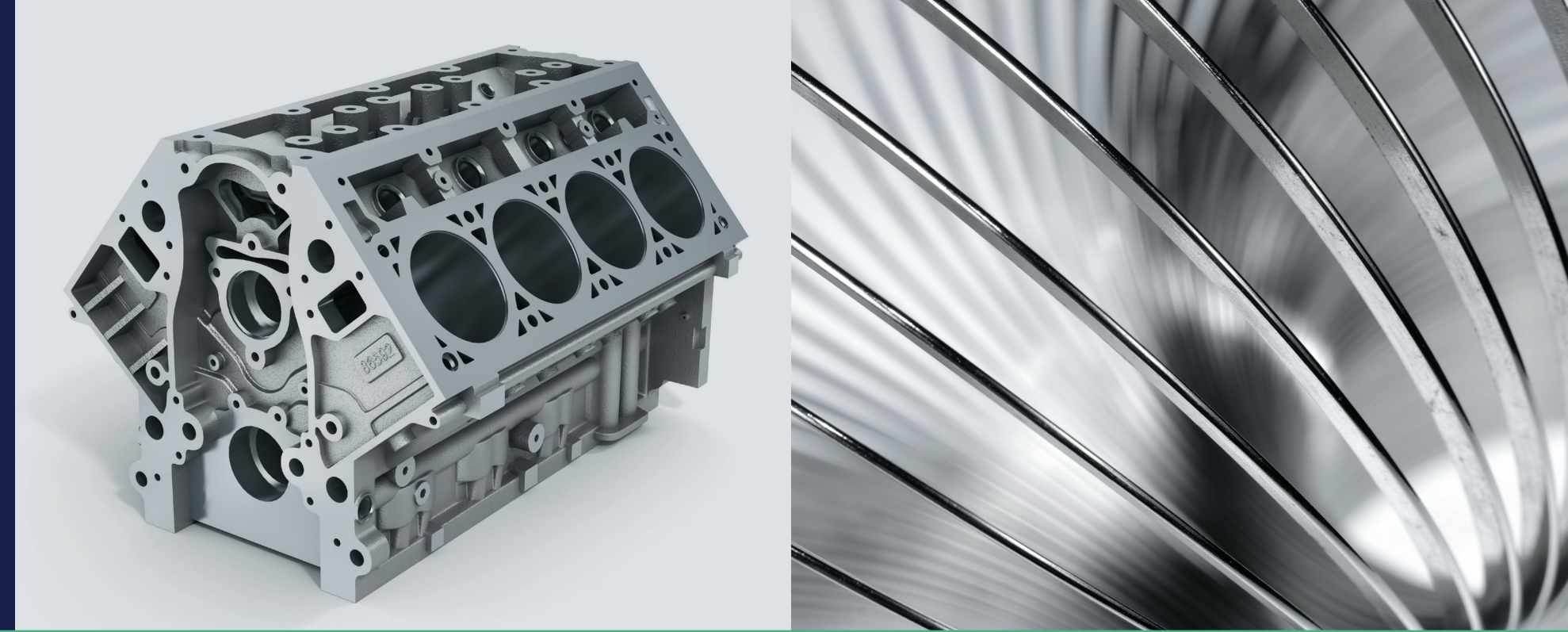
No additional chemical treatment



Non - ferrous contamination



100% recyclable



cleaning



preparing



USERS BENEFITS

Non-Ferrous contamination

With its high nickel content, this stainless alloy shot eliminates any possible iron contamination.

Customized surface finishing

With its roundness and hardness level, this product makes it possible to obtain clean, shiny and smooth surface finishes.

Recyclability & Life

Compared to other traditional media (glass beads, alu. Oxide), Stelux CN shot is reusable hundreds to thousands of times and 100% fully recyclable at end of life, reducing operating and disposal costs.

MARKETS AND APPLICATIONS

Aluminium casting alloys and parts:
Silumin (Aluminium – Silicon alloys)

Zinc pressure die – castings:
ZAMAC alloys

Non-ferrous metals castings and parts:
Copper, Brass, Bronze, Copper – Nickel alloys

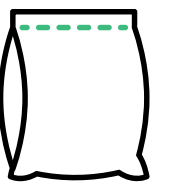
Stainless steel castings, forgings and welded parts:
200 & 300 series

Surface preparation prior powder coatings application

SPECIFICATIONS

| | |
|---------------------------------|--|
| CHEMICAL COMPOSITION (WEIGHT %) | C ~ 0.15%, Cr ~ 18%, Ni ~ 8%, Si ~ 3.5%, Mn ~ 1.5% |
| AISI / EN 10088-1 EQUIV. GRADES | Type 301 and X10CrNi18 - 8 |
| AVERAGE HARDNESS (HRC) | New product: 30 ± 3 Operating Mix: 48 ± 3 |
| SPECIFIC GRAVITY | 7.6 |
| SHAPE | Round |
| MICROSTRUCTURE | Austenitic |

Packaging



BAGS

1000 kg (2204 lb) box - 50 bags
500 kg (1102 lb) box - 25 bags
Bags of 20 kg (44 lb) each

Customized packing upon request

STELUX CN - CUMULATIVE SIZE DISTRIBUTION (%)

| Mesh # | Sieve size mm | STELUX CN 200 | STELUX CN 150 | STELUX CN 100 | STELUX CN 60 | STELUX CN 50 | STELUX CN 40 | STELUX CN 30 | STELUX CN 20 | STELUX CN 10 |
|--------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 8 | 2.36 | AP | | | | | | | | |
| 10 | 2.00 | Max 5 | AP | | | | | | | |
| 12 | 1.70 | | Max 5 | AP | | | | | | |
| 14 | 1.40 | | | Max 5 | AP | | | | | |
| 16 | 1.18 | Min 95 | | | Max 5 | AP | | | | |
| 18 | 1.00 | | Min 90 | | | Max 5 | AP | | | |
| 20 | 0.85 | | | Min 90 | | | Max 5 | | | |
| 25 | 0.71 | | | | | | | | | |
| 30 | 0.60 | | | | | | | AP | | |
| 35 | 0.50 | | | | Min 95 | | | Max 5 | | |
| 40 | 0.425 | | | | | Min 95 | | | AP | |
| 45 | 0.355 | | | | | | | | Max 5 | |
| 50 | 0.300 | | | | | | Min 95 | | | AP |
| 80 | 0.180 | | | | | | | | | Max 5 |
| 120 | 0.125 | | | | | | | Min 90 | | |
| 200 | 0.075 | | | | | | | | Min 85 | |

W Abrasives
by WinoA

