

## Chromium Metal

- Superalloys for aerospace and land based turbines
- Electrical resistance wire
- Nickel alloys for industrial engineering
- Atomised hardfacing alloys for thermal spraying
- Medical alloys

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## High Carbon Chromium Metal

- Atomised hardfacing alloys for thermal spraying

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## Nickel Boron

- Atomised hardfacing alloys for thermal spraying

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## 70% Ferro Titanium

- Automotive interstitial free steels
- HSLA steels for pipeline applications
- Stainless steels

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## Ferro Boron

- Magnet alloys
- Steels

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## Hypercal

- Steels
  - Cast irons
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These products are supplied in accordance with a Quality Assurance system which meets the standards of ISO9001 and AS9100

Date September 17

# High Purity Degassed Chromium Briquettes & Nitrided Chromium Briquettes



## Production Method:

2 step process with aluminothermic reaction and high temperature vacuum degassing.

## Size & Packaging:

Available to customers' packing requirements, available in briquettes.

Chemical analysis in wt%	
Grade	HPD Cr Brq
Cr	min 99.70%
Fe	0.25% max
Si	0.10% max
Al	0.015% max
O	0.05% max
N	0.005% max
C	0.05% max
S	0.01% max
P	0.005% max

Chemical analysis in wt%	
Grade	Cr 10N Brq
Cr	min 88.4%
N	8.5 - 11.0%
Fe	0.50% max
Si	0.10% max
Al	0.10% max
O	0.10% max
C	0.02% max
S	0.02% max
P	0.005% max

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Date September 17

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# High Purity Degassed Chromium Briquettes Low Sulphur & Ultra Low Sulphur



## Production Method:

2 step process with aluminothermic reaction and high temperature vacuum degassing.

## Size & Packaging:

Available to customers' packing requirements, available in briquettes.

Chemical analysis in wt%	
Grade	HPD Cr Brq LS
Cr	min 99.70%
Fe	0.25% max
Si	0.10% max
Al	0.015% max
O	0.05% max
N	0.005% max
C	0.05% max
S	10ppm max
P	0.005% max

Chemical analysis in wt%	
Grade	HPD Cr Brq ULS
Cr	min 99.70%
Fe	0.25% max
Si	0.10% max
Al	0.015% max
O	0.05% max
N	0.005% max
C	0.05% max
S	5ppm max
P	0.005% max

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# Chromium Metal Low Nitrogen Grade SD50 & SD25



## Production Method:

Aluminothermic reaction.

## Size & Packaging:

Available to customers' requirements.

Chemical analysis in wt%	
Grade	SD50 Cr
Cr	min 99.4%
Fe	0.25% max
Si	0.10% max
Al	0.10% max
O	0.10% max
N	50ppm max
C	0.02% max
S	0.01% max
P	0.005% max

Chemical analysis in wt%	
Grade	SD25 Cr
Cr	min 99.4%
Fe	0.25% max
Si	0.10% max
Al	0.10% max
O	0.10% max
N	25ppm max
C	0.02% max
S	0.01% max
P	0.005% max

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