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## High Density Steel Briquettes

Finally... An environmentally friendly solution  
for heavy industry!

**Industrial  
Quality  
Innovation**

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## Specifications:

**Diameter:** 195 mm (7,7 in)  
**Height:** 150 - 200 mm (5,91 – 7,87 in)  
**Weight:** min. 15 - 20 kg (33 - 44 lb)  
**Density:** 3.50 - 3.85 g/cm<sup>3</sup> (0,13 - 0,14 lb/in<sup>3</sup>)  
**Non-metallic inclusions:** max. 5% (ISRI 279)  
**Packaging:** in bulk

Chemical composition	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co	Cu	V	W	Pd	Sn	Pb	Ti	Fe
Content ~[%]	0.75	0.23	0.42	0.01	0.01	0.02	0.002	0.02	0.005	0.002	0.10	0.002	<0.01	0.002	0.002	0.007	0.003	ca. 98 (rest)

### ► APPLICATION:

High Density Steel briquettes are a reliable and chemically stable charge used as an iron carrier in metallurgical and foundry furnaces. The briquettes are produced using the recycled steel tyre cord made of high quality steel melted according to the state-of-the-art metallurgical processes (ensuring trace quantities of gases and detrimental additions).

The steel tyre cord is a guarantee of a constant, repeatable and uniform chemical composition of the briquettes supplied.



### ► ADVANTAGES OF USING HDSB BRIQUETTES

- always consistent chemical analysis
- limited content of detrimental elements
- very low content of gases (oxygen, nitrogen and hydrogen)
  - significantly lower of that found in commercial steel scrap
- can replace and reduce consumption of pig iron and alloy pig iron
- replaces high quality steel scrap
- reduces the heating costs
- high bulk density
- excellent output