

**ROASTED MOLYBDENUM CONCENTRATE  
CARBON FREE BRIQUETTES (CFB)**

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**DESCRIPTION**

Roasted Molybdenum Concentrate Carbon Free Briquettes are used to add Molybdenum to steel and iron. They are especially designed for use in automatic handling equipment such as conveyer belts, hoppers and bins. The briquetted product is used to greatest advantage in overcoming furnace conditions under which excessive mechanical losses might be encountered.

Additions of carbon free briquettes are typically made to the molten bath of electric arc furnaces or AOD vessels. If used in the electric furnace direct contact with the electrodes should be avoided. For optimum recovery it should be observed that the product gets immediate direct contact with the molten metal.

For adjustment of final analysis the use of Roasted Molybdenum Concentrate Carbon Free Briquettes is only recommended if subsequent metallurgical work follows the addition of the alloy.

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**SPECIFICATIONS**

<b>Element</b>	<b>Analysis</b>
Molybdenum	56.00 % min.
Copper	0.50 % max.
Sulphur	0.10 % max.
Phosphorus	0.05 % max.

Certificate of analysis is available for % Mo, Cu, S, and P.

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**SIZE**

Pillow shaped briquettes approx. 65 x 35 x 20 mm.

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**PACKAGING**

**Steel drums:** 150 liters (40 gal) / 250 kg

Net weight of Roasted Molybdenum Concentrate (carbon free briquettes) per drum: as specified above. Drum lid is attached with a ring clamp and a bolt fastening. Pallets are 2-way. Each holds 4 drums surrounded with a steel strapping or with shrink wrap.

**LABELS:** The drum is marked with the lot number, drum number, gross and net weight.

**Bags:** 1000 kg

Net weight of Roasted Molybdenum Concentrate (carbon free briquettes) per bag: as specified above. Bags are coated polypropylene 'big bags'; ~210 gr/sqm. No liner. With corner straps, reinforced loops with spout fill and dump bottom. Pallets are 2-way.

**LABELS:** Bags are marked with lot number, bag number, and gross and net weight in kilograms.

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**MSDS REQUIREMENTS**

A copy of the material safety data sheet (MSDS) is available upon request.



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**QUALITY ASSURANCE**

We are committed to the production of the highest quality Molybdenum products, to the continual improvement of our manufacturing processes, and long-term relationships with our customers. To accomplish this, we work as a team to assure conformance to this specification. We have implemented a quality assurance system. All conversion facilities are certified to ISO 9001:2008.

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