

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

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.

SPECIFICATIONS

Element	Analysis
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.

SIZE

Pillow shaped briquettes approx. 45 x 35 x 20 mm.

PACKAGING

Box: 10 lbs (Molybdenum contained)

Net weight of Roasted Molybdenum Concentrate (carbon free briquettes) per box: 10 lb Molybdenum contained. Pallet is shrink wrapped.

LABELS: The boxes are marked with the Molybdenum contained weight and the product grade. Pallets are marked with the lot number.

Bags: 3,000 lbs (1,360 kg) net product

Net weight of Roasted Molybdenum Concentrate (carbon free briquettes) per bag: as specified above. Bulk bag size is 35 x 35 x 40 inches. The bulk bags are manufactured from coated, white woven polypropylene. No liner. Bulk bag has 4 reinforced lifting loops with spout fill and dump bottom.

Pallet size is 40 x 40 inches. Pallets are 2-way non reversible, heat treated. One bag per pallet. The pallet is shrink wrapped.



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

Metric packages are available in bags and drums.

MSDS REQUIREMENTS

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

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.

PDS RMC CFB US REV03