

## ROASTED MOLYBDENUM CONCENTRATE

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### DESCRIPTION

The major use of Roasted Molybdenum Concentrate is to add molybdenum to steel produced in the electric arc furnace. The material may be added to the charge or to the molten bath.

For the adjustment of the final analysis the use of Roasted Molybdenum Concentrate is not recommended.

For optimum recovery the following should be observed: If added with the charge the Roasted Molybdenum Concentrate containing packages should always be covered with scrap or liquid metal. If added to the bath, the product should be introduced under the slag level. If used in the electric arc furnace direct contact with the electrodes should be avoided.

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### SPECIFICATIONS

Element	Analysis
Molybdenum	57.00 % 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

4 mesh maximum

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### PACKAGING

**Steel can:** 20 lbs (Molybdenum contained)

Minimum molybdenum contained per can: 20 lbs. Pallets are 4-way single wing, double face, non reversible wooden pallets each pallet holding 80 cans.

**LABELS:** Each carton is marked with the lot number, pallet number and product grade.

Metric packages are available.

**Steel drum:** 135 liters (35 gal) / 500 pounds

Net weight of Roasted Molybdenum Concentrate per drum: as specified above. Drums with outliner. Drum lid is attached with an inside lever lock closure. Pallets are 2-way non reversible, heat treated. Each holds 4 drums with a steel strapping or with shrink wrap.

**LABELS:** The lid is stencilled with the lot and drum number.

Metric packages are available.



**Bag:** 1,500 kg

Net weight of Roasted Molybdenum Concentrate per bag: as specified above. Coated polypropylene 'big bags' ; ~210 gr/sqm. No liner. With corner straps, reinforced loops with spout fill and dump bottom. Pallets are 2-way non reversible, heat treated.

**LABELS:** Bags carry instruction cards attached to the lifting loops with lot number, bag number, and gross, tare and net weight.

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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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