

**BENTONITE**

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1. PURPOSE OF USE

It is used as a binder in the preparation of green sand mixture.

2. GENERAL QUALITY REQUIREMENTS

Conformity with the manufacturer's catalogue.

3. PROPERTIES OF MATERIAL

Bentonite has a binding property, i.e. it binds the grains of siliceous sand among each other.

4. PACKAGING, PACKING AND TRANSPORT

Bentonite may be packaged and delivered in different manners (paper bags, big bags, bulk). Shipment must be labelled with manufacturer's designation, name, date of production and net weight. Transport must be protected against the atmospheric impacts.

5. WARRANTY OF QUALITY

For each shipment, the quality assurance certificates are required regarding the:

- Moisture
- Swelling degree
- Granulation

6. MANNER OF ACCEPTANCE

Bentonite will be accepted by the acceptance control of LIVAR according to the prescribed quality characteristics.

7. CONTROL PROCEDURE

Control procedure is sampled (from several bags) in order to determine the moisture and swelling degree. In case of delivery in bulk, a representative sample is collected from the road tanker during emptying.

8. MANNER OF MEASUREMENT**QUALITY CHARACTERISTICS, VALUES, MANNER OF VERIFICATION**

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
Moisture	7% - 13%	Certificate, moisture analysis
Granulation above 0.063	max. 40%	Certificate
Swelling degree	min. 20 ml	Certificate, swelling analysis