

**COAL DUST**

Date of issue: 01 Sept 1995

Modification: 04

Date of validity: 15 Okt 2013

**1. PURPOSE OF USE**

It is used as an agent for formation of lustrous carbon in the zone between melt cast iron and sand.

**2. GENERAL QUALITY REQUIREMENTS**

Conformity with the manufacturer's catalogue.

**3. PROPERTIES OF MATERIAL**

It has to provide for the formation of lustrous carbon in the sand-melt cast iron contact zone, and thus also smooth and clean surfaces of castings. It has to have the ability of binding water and mixing with bentonite.

**4. PACKAGING, PACKING AND TRANSPORT**

Coal dust 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:

- Lustrous C content
- Volatile substance content,
- Loss on ignition content.

**6. MANNER OF ACCEPTANCE**

Coal dust will be accepted by the acceptance control of Livar according to the prescribed quality characteristics.

**7. CONTROL PROCEDURE**

In case of any doubt in the veracity of statements in the certificate, the analysis of lustrous carbon and volatile substance content is conducted at an external institution.

For each shipment, all analyses of loss on ignition are verified and conducted by the acceptance control at the Livar laboratory.

**8. MANNER OF MEASUREMENT**

QUALITY CHARACTERISTICS, VALUE, MANNER OF MEASUREMENT

NAME: COAL DUST – SYNTHETIC

Code: 4304301

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
Lustrous C content	min. 12 %	Certificate
Volatile substances	min. 30 %	Certificate
Loss on ignition	> 65 %	Labor. analysis, certificate

NAME: COAL DUST – PEAT

Code: 4303301

QUALITY CHARACTERISTICS	VALUE	MANNER OF VERIFICATION
Lustrous C content	min. 12 %	Certificate
Volatile substances	min. 30 %	Certificate
Loss on ignition	> 65 %	Labor. analysis, certificate