

TECHNICAL SPECIFICATION OF GREASE COMPOUND

SCOPE:

This Specification covers the requirements of GREASE compound used for (ACSR) as per DIN 48204

The cables shall only be greased between the steel core and the aluminum wires and between aluminum wire layers.

QUALITY REQUIREMENT:

The grease shall be chemically stable and neutral with respect to aluminum and Zinc.

Tenderers shall specify the exact drip point.

MATERIAL:

The grease shall have the following characteristics:

The drop point shall not be less than 120 °C.

Corrosion on silver and steel sample: nil.

Minimum temperature below which grease shall not run: 90 °C.

Permeability to water: no water absorption after 48 hours of immersion.

Elasticity: high adherence and high elasticity at minimum utilization temperature of – 5 °C.

Inorganic acidity: nil

Organic acidity wax pressed in terms of SO₃ shall be less than 0.1 %

Corrosively: nil.

Ash content: 0.5 % maximum.

Sulphur and sulphur compound content: nil.

PACKING:

The material should be properly packed in hermetically sealed non-returnable metal drums, removable-head of about 200 liters each.

In each drum shall be writing:

- The name of material.
- Net and gross weigh.
- The date of manufacture.
- The validity.

SAMPLE:

5 kg as a sample of the material provided to reach us before closing date for making tests.

The sample shall be the basis for accepting or rejecting the offer.

TEST CERTIFICATE:

The supplier shall submit test report for each lot/batch of material show the specification of grease.

CRITERIA OF ACCEPTANCE/ REJECTION:

The material shall be subjected to inspection and the test shall be carried out for acceptance/ rejection on part or whole lot.