

संस्थान क्रय विनिर्देश (सी.एफ.एफ.पी. - हरिद्वार)

FF53685 Rev 05 पुष्ठ

PLANT PURCHASE SPECIFICATION

Page

of

(CFFP - HARDWAR) **CHROMITE SAND FOR USE IN FOUNDRIES**

1. General:

This specification covers the requirements of Chromite sand for use in foundries.

2. Application:

The Chromite sand shall be used for facing of pattern and core boxes in mould and core making.

3. Compliance with national standard:

This specification is based on IS-6788:1973, reaffirmed 2003.

4. Physical and Chemical Characteristics:

- 4.1 Chromite sand grains shall be crystalline, mostly sub-angular in shape.
- 4.2 The material shall have shining black appearance and shall be free from foreign material, e.g. low melting point minerals, carbonates.
- 4.3 Chemical Composition:

Chromite sand when tested as per IS12667, shall have typical analysis as under:

46% Min.
27% Max
12% Max
16.5% Max.
1.1% Max.
0.5% Max

- 4.4 Clay 0.5 % max.
- 4.5 Moisture 0.2% max.
- 4.6 pH value of sand shall be in between 6.5 and 8.0
- 4.7 Turbidity 210 ppm max.

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	14 /4			विवर्गण PREPARED : FOUNDRY TECH	ज़ारी : फाउण्ड्री टैक्नालॉजी ISSUED : FOUNDRY TECHNO	श्चितंक : DLOGY DATE 25.7.11

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