

SPECIFICATION

REFRACTORY RAMMING MASS (DRY VIBRATING MIX) FOR PREPARATION OF MELTING CRUCIBLE FOR VACUUM INDUCTION MELTING FURNACE.

1. Chemical Composition: (%)

Al ₂ O ₃	:	84 Min
MgO	:	11 Min
SiO ₂	:	0.8 Max
Ti O ₂	:	0.7% max

2. Grain Size analysis: 7F (≤ 7mm)

3. Bulk density : 2.7 - 3.05 gm / cc

4. Operating melting temp : 1500 - 1800°C (MAX)

5. Sintering temp: Sintering cycle to be indicated by tenderer. Final sintering temperature and sintering time should be clearly mentioned.

6. Application: Suitable for melting operation under Vacuum at 1×10^{-3} mm for Ni-base Super alloys, Fe-Ni alloys, special steels etc. The material should be chemically stable enough at this vacuum level.

7. Packing: the material shall be kept in water proof sachet which will be finally kept in properly sealed drum suitable for handling during shipment / transit. Weight / Batch No / Date of manufacture should be indicated on each drum/sachet. This information should be elaborated in the offer.

8. Shelf Life: 12 months guaranteed from the date of manufacture

9. New suppliers or the suppliers of a new product have to submit a free sample of 5 MT of Ramming Mass for approval. Party has to demonstrate the usage of their product. Their offer can be considered after the approval only.

9. INDENTOR RESERVES THE RIGHT TO SPLIT THE ORDER TO 60% AND 40% TO L1 AND L2 AT L1 PRICE

Eligibility Criteria: 1) Party should have supplied at least 100T similar type of ramming mass to India for melting of super alloy/special steel in vacuum induction furnace, evidence of the supplies to be enclosed along with offer.

2) Offer received from Manufacturer shall only be considered, certificate of registration to be enclosed along with offer.