



PRODUCT DATA SHEET

CERALOY Mn (10/15/20)

PRODUCT: -

CERALOY Mn is an aluminum-manganese alloy. This CERALOY Mn is used to add Manganese metal in molten aluminium or its alloy.

PURPOSE: -

CERALOY Mn is used to add manganese in molten aluminium alloys. Manganese in aluminum alloys improves casting soundness at levels over 0.5%. Manganese controls the intermetallic form of iron in the alloy, leading to improved ductility and shrinkage characteristics.

APPLICATION: -

Melt the aluminum metal. Add CERALOY Mn as desired for alloy composition at around 700 to 750°C. Wait until the alloy is completely dissolved. Stir the melt to get the homogenous dissolution of manganese in the liquid aluminium metal. Degas the melt at suitable temperature & clean with small amount of flux.

After all the process is completed, take the sample for checking the manganese content, if satisfactory start pouring immediately.

Dissolution Time: 15 Minutes

<u>ALLOY</u>	<u>% RANGE</u>	<u>% OTHER</u>	<u>ALUMINUM</u>
Mn-10	9.5-10.5	0.5 max	balance
Mn-15	14.5-15.5	0.5 max	balance
Mn-20	19.5-20.5	0.5 max	balance

SIZE:-

2/5 kg ingots.

PACKING :-

20/25 kg bag

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