



CERAFLUX

An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

CERALOY-Mn(10/15/20/25/30)

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.

ALLOY	%RANGE	% OTHER	ALUMINUM
Mg-10	9.5-10.5	0.5% max	Balance
Mg-15	14.5-15.5	0.5% max	Balance
Mg-20	19.5-20.5	0.5% max	Balance
Mg-25	24.5-25.5	0.5% max	Balance
Mg-30	29.5-30.5	0.5% max	Balance

SIZE:- 2/5 kg ingots.

PACKING :- 20/25 kg gunny bag.

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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