

Foundry

Green Moulding Process – non ferrous metal

SANDBOND®

Special sand for use and suitable for molds used for high precision casting of non – ferrous metals

Sand Bond is a special sand, ready for use and suitable for molds used for high precision casting of non-ferrous metals.

It is a product of new conception, consenting the manufacture of aluminum, bronze and brass castings having a surface finish, qualitatively comparable with chilled castings.

Exceptional results can be obtained also on rather light C.I. casting (approx. 100 gms.) having thin walls.

Sand Bond may be employed as a sand model, using a layer that completely covers the model and then filling the flask with the usual sand.

For the purpose of allowing the User to employ the most suitable type of **Sand Bond** for his manufacturing requirements, Laviosa Chimica Mineraria has perfected two specific products which have the following technical applicative characteristics:

		Eco Bond	Sand Bond
Fineness Index Indice di Finezza Finesse	[din]	120-130	120-130
Permeability Permeabilità Perméabilité	[cm ³ /sec]	25-30	20-30
Compatibility Compattabilità Comparabilité	[%]	52-57	60-65
Green Compression Strength Resistenza alla compressione a verde Résistance Compression à Vert	[g/cm ²]	500	700/50