

UNIQUELY INVENTED SAND ADDITIVE CAST-CURE FOR NO-BAKE, COLD-BOX, CO₂, PEPSET, SHELL MOLDS/CORES APPLICATIONS IN ALLOY STEEL, GREY & DUCTILE IRON FOUNDRIES

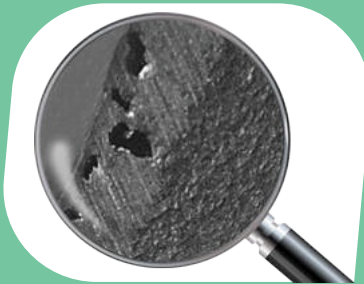
Cast-Cure is invented by using scientific principles in our R&D Centre to prevent thermal expansion & gas porosity defects. Cast-Cure is engineered sand additive consistently more suitable than other sand additives or natural oxides.



Veining



Rat-tails



Pin Holes



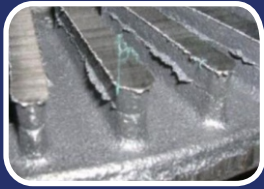
Blow Holes

Benefits of CAST-CURE[®]

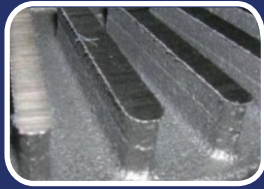
- ❖ Eliminates veining & rat-tails
- ❖ Reducing casting defects & rejections
- ❖ Reducing gas porosity defects such as pin holes, blow holes
- ❖ Reduces machining and cleaning room costs
- ❖ Improves surface finish of castings
- ❖ Environmentally friendly solutions (no emissions)

Cast-Cure is a unique blend of high purity materials specifically designed to improve your casting process and efficiency. Foundries have noted that defect free castings and excellent surface finish results in a casting of higher value.

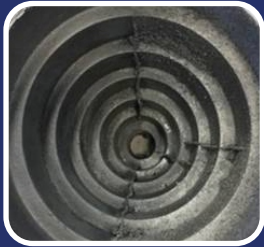
SAND ADDITIVE **CAST-CURE**[®]



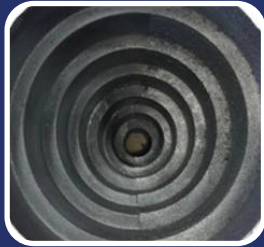
Without Cast-Cure



With Cast-Cure



Without Cast-Cure



With Cast-Cure

- ❖ Cast-Cure is compatible with all resin & binder systems
- ❖ Cast-Cure do not contains any fine particles & volatiles
- ❖ The flowability of sand remains consistent due to addition of Cast-Cure
- ❖ Cast-Cure is in free flowing powder form and has unlimited self life

Suggested Use

Cast-Cure is most commonly used 2-5% of foundry sand mixes. Used in molds & cores. If sand mixes is 100 kg, mix 2-5% Cast-Cure properly with sand, then add binders.

Steam & gas turbine castings, Hydro turbine castings, Mining & crushing castings, Locomotion castings, Oil field castings, Military castings, Turbochargers, Exhaust manifolds, Cylinder head, Engine block, Axle housings, Pumps, Valves, Water jacket, Ventilated brake disk, Oil gallery core, General housings, Railway castings, Hydraulic castings etc.



Application


Alloy steel, Non-ferrous, Grey & Ductile iron foundries in no-bake, cold-box, CO_2 , pepset molds/cores applications

Shell Mould Castings, Resin coated sand molds/cores applications

3D Printed sand molds/cores applications



SAMPAD INDUSTRIES

 205, Dhaval Complex, S.P Ring Road, Odhav, Ahmedabad - 382415, Gujarat, India

 +91 9825094919

 sales@sampadgroup.com

 www.sampadgroup.com