METHOD FOR MEASURING THE AMOUNT OF AN ACTIVE CLAYEY COMPONENT CONTAINED IN MOLDING GREENSAND

A B S T R A C T

A method is disclosed to accurately and easily measure the amount of an active clayey component contained in molding greensand. A test piece is produced by feeding a predetermined amount of the molding greensand into a testing receptacle. The test piece is then tested to obtain its compressive strength. The amount of the active clayey component contained in it is determined from the measured compressive strength by using previously obtained data on the relation between the compressive strength and the active clayey component of molding greensand which is used on a mold-producing line or at a factory.

Figure 1 to be used for publication if necessary.