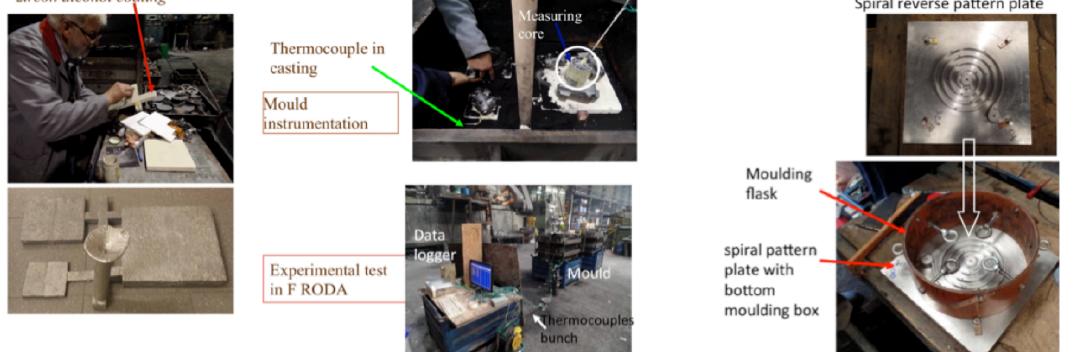
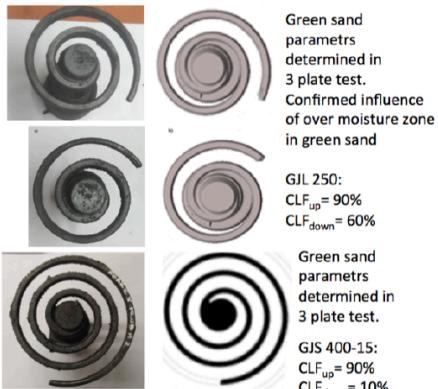


Experimental methodology

Covering the polystyrene models by zircon alcohol coating



(GJL 250, $T_{pouring} = 1348^\circ\text{C}$
green sand humidity = 3,3%)



GJL 250, $T_{pouring} = 1348^\circ\text{C}$
green sand humidity = 6,6%)

GJS-400-15, $T_{pouring} = 1367^\circ\text{C}$
green sand humidity = 3,3%



Figure n° 14.- Experimental and numerical results of simple geometrical pieces tests.