

## **Foaminess using the shaker bottle**

Dear Prof. Joseph,

I sent you the results about the foams that I did several months ago, we have not made further work in foams, because we are working in other activity, Douglas, Jorge Luis and I are working in the solid-liquid circuit for the project with JNOC.

As soon as I get new results, I am going to communicate with you. I would like to keep in touch with you.

Best regards

Alida

We prepared two kinds of foams, using two formulations patented by Todd Thomas of Clearwater Inc, and we evaluated the foaminess parameter.

The formulation 1 contains TRANSFOAM-C and the formulation 2 contains TRANSFOAM-O.

To do the test, we used a 100 cc tube and 3 cc diameter, and 10 cc of liquid to generate the foam.

The Figure 1 shows the foaminess vs. number of iterations obtained by Alida (I shook strongly until no change in the foam's height was observed). In this figure we can see that the foaminess does not change with the number of iterations. This test was done by other co-workers that also shook strongly, and the foam's height was in excess of 100 cc; foam's height could not be measured.

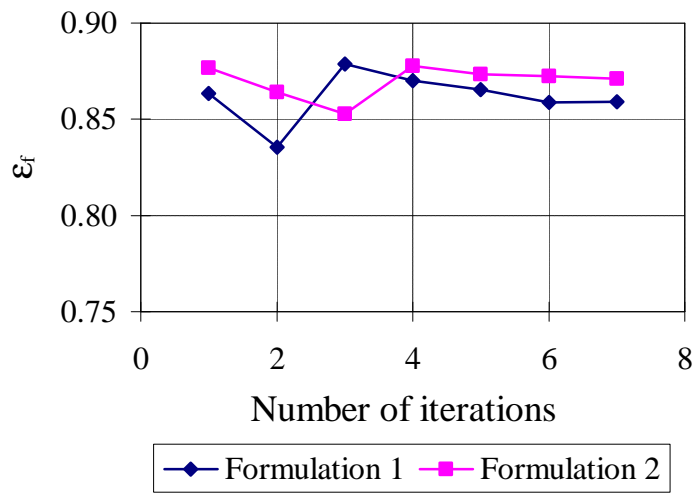


Figure 1 Foaminess as function of number of iteration