EMULTROL DFM OLV-24

VEGETABLE OIL-BASED ANTIFOAMING AGENT FOR COATINGS AND PAINTS

PROPERTIES

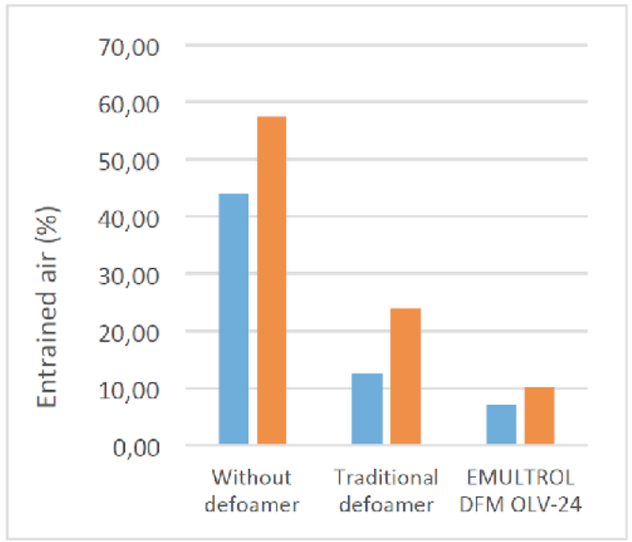
- Based on vegetable esters and totally free of traditional mineral oils.
- Good persistence of the antifoam effect in the paint.
- No compatibility problems other than those of common defoamers in the final application of the paint.
- Suitable for Ecolabel certification

ADVANTAGES

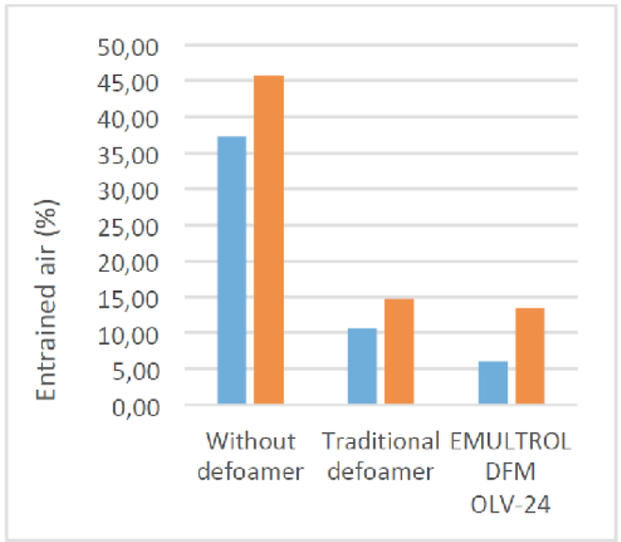
- Excellent anti-foaming efficiency
- Biodegradable properties
- Toxicity and level of low or zero emissions (VOC and SVOC)

TEST OF EFFECTIVENESS AND PERSISTENCE OF THE ANTI-FOAMING EFFECT

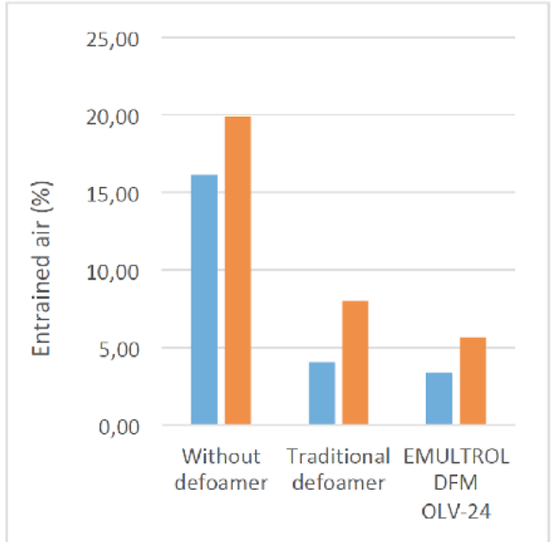
Comparative with a traditional mineral oil based defoamer:



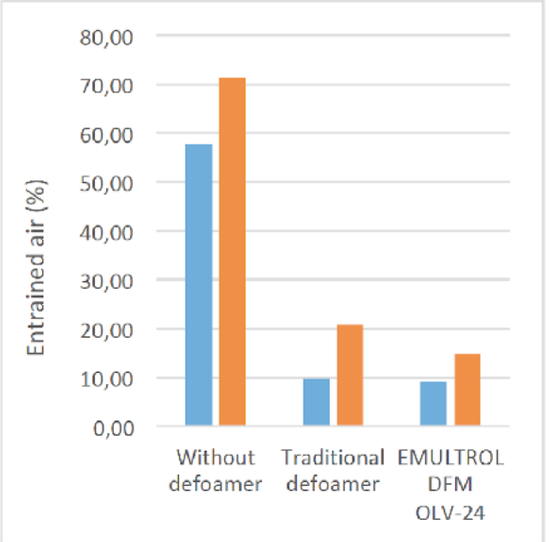
Acrylic Polymer 1



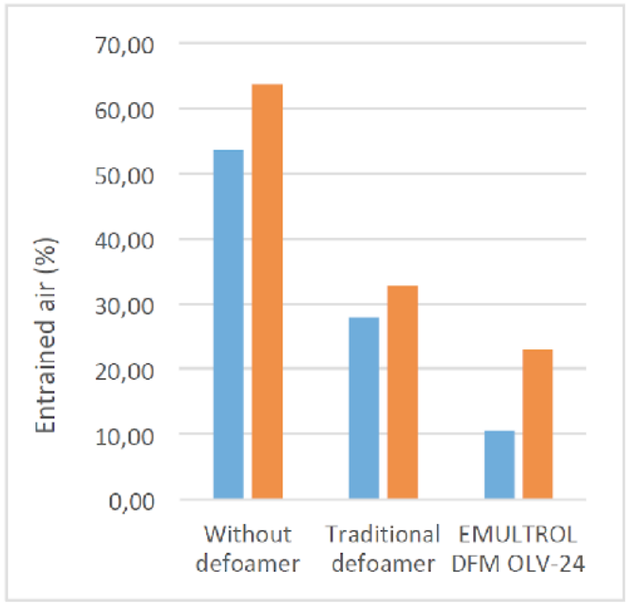
Acrylic Polymer 2



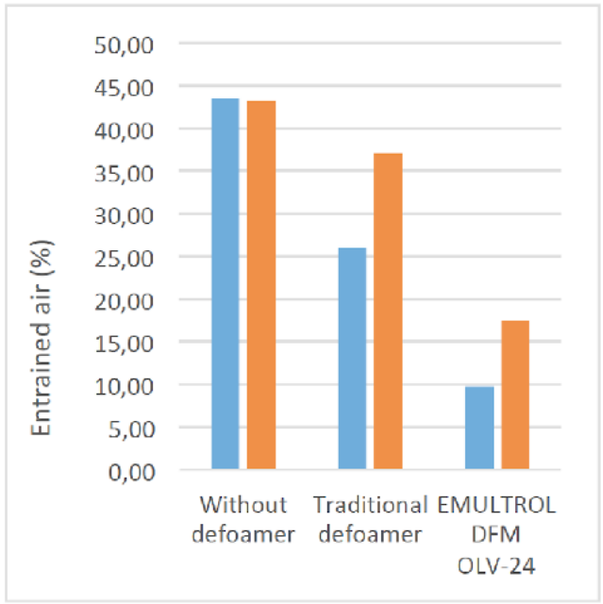
Styrene-acrylic 2



Vynil-Veova Polymer



Acrylic Polymer 3



Styrene-acrylic Polymer 1

Fresh test Aged test (1 week at 45 ºC)

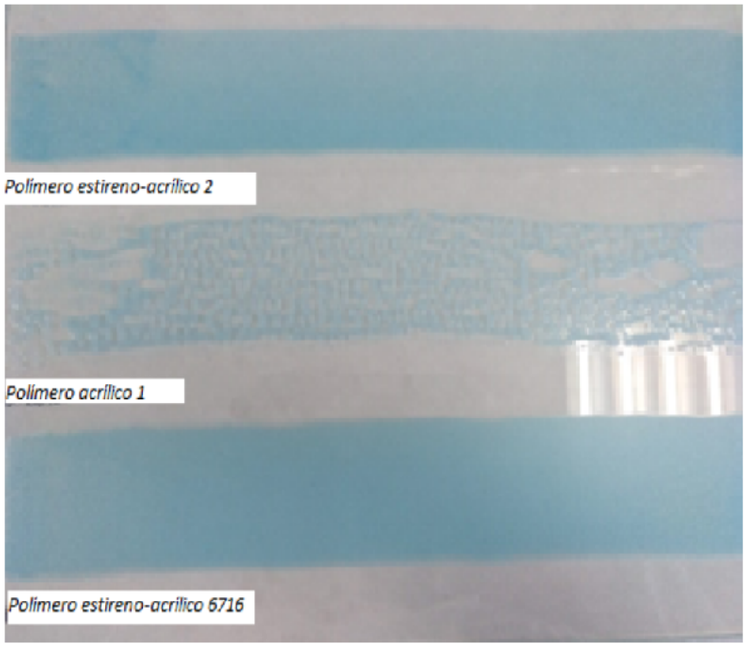
In our study, 200 ml of polymeric dispersion is placed in a beaker and 0.2% of antifoamer is added. A stirring process is then started at 1300 rpm for 5 minutes.

The volume of foam is measured according to the time to determine the antifoam activity.

In most polymers the effectiveness of the new EMULTROL DFM OLV-24 defoamer is superior to that achieved with the mineral oil-based equivalent.

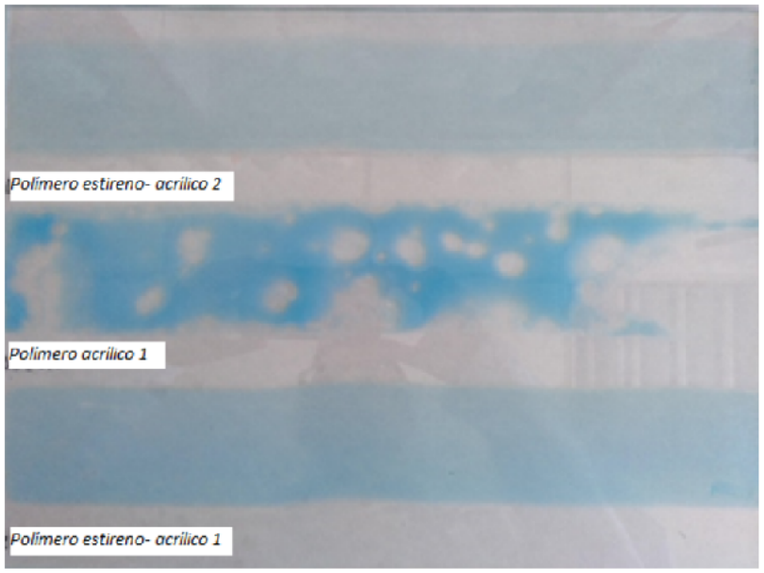
Concentrol
Chemical specialities

COMPATIBILITY AND MOISTENING TEST OF THE DEFOAMER

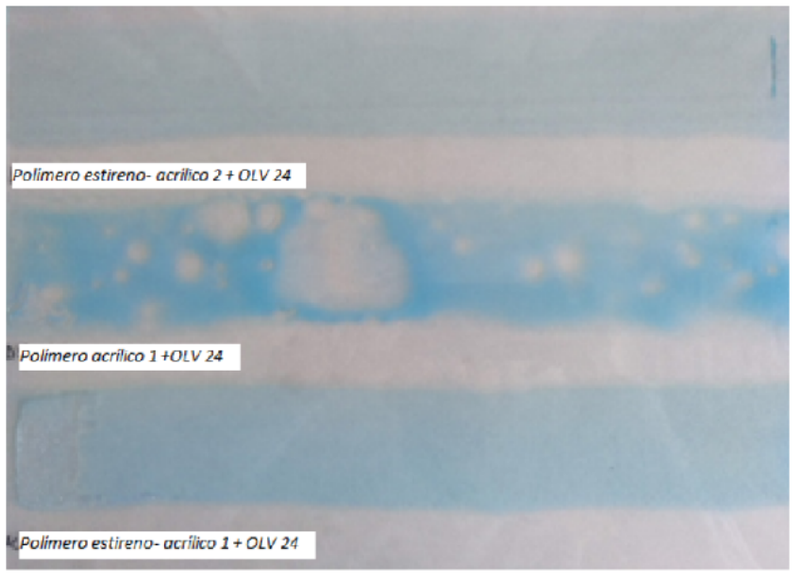


120micron, no defoamer, shaken

+24 hours



120micron, 0.2% DFM OLV-24, shaken



+24 hours

In this test, an application of a 120 micron layer on glass support has been tested.

The compatibility results in 3 of the polymers studied are detailed below.

No significant difference has been observed compared to the results obtained using an antifoaming agent based on usual mineral oils.