



ultrafilm  
eco



OXITENO



The ULTRAFILM® ECO coalescent line was developed to meet the regulations that control VOC (volatile organic compound) content in formulations for coatings.

ULTRAFILM® ECO line coalescent agents come from renewable raw materials. They have green carbon content between 60-100 %, a boiling point between 260-290 °C and low toxicity.



**Coalescents derived from renewable raw materials with low VOC**

The line's main attributes:

- Permits producing paints and adhesives with low VOC content
- Low odor
- High capacity for reducing MFFT of several types of latexes
- High resistance to wet abrasion.
- Low toxicity

**ULTRAFILM® 1000 ECO and ULTRAFILM® 2000 ECO**

- Boiling point higher than 280 °C
- Produce paints, varnishes, enamels and adhesives that meet the Green Seal standard

**ULTRAFILM® 3000 ECO**

- Contains 100% carbon from a renewable source



**Physical-chemical properties of coalescents from the ULTRAFILM® ECO line**

Product	Green Carbon Content (%)	Boiling Point (°C)	Surface Tension (Mn/m)	Density (g/ml)	Solubility in water
<b>ULTRAFILM® 1000 ECO</b>	60	290	30,4	0,10	Little soluble
<b>ULTRAFILM® 2000 ECO</b>	85	280	29,6	0,87	insoluble
<b>ULTRAFILM® 3000 ECO</b>	100	260	23,4	0,85	insoluble



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