

Microencapsulation / Cosmetotextiles



Your Challenges

Innovation remains a driver for growth for manufacturers. Microencapsulation is a leading-edge technology whose innovative concepts have emerged in recent years.

This is the case for cosmetotextiles, for example, defined as "a textile article containing a durable cosmetic product intended to be released over time" (FD CEN/TR 15917:2010 cosmetotextile technical report).

Solutions containing microcapsules may also be developed for fabric retreatment, fabric softeners and scented laundry detergents and more.

Our Solutions

As a leader in the consumer goods market, Intertek puts our textile and cosmetic expertise to good use. Specific tests, such as capsule resistance to washing and/or wearing, have been developed in our laboratories*.

Our services are based on recognised cosmetic and textile standards and directives and focuses on three key points:

Performance:

- Titration of encapsulated and free active ingredients
- Capsule resistance during washing and/or wearing cycles
- Define a wearing simulation method
- Quality control
- Colour fastness, stability and elasticity of textiles

Safety:

- Toxicological assessment
- In vitro skin and ocular irritation to ECVAM validated and pre-validated protocols
- Patch test and utilisation test under dermatological control
- Textiles for azo dyes, formaldehyde content, pH and more

Efficacy:

- Slimming results such as centimetre loss, cellulite reduction, firmness and more
- Hydration, wellness
- Anti-odour, anti-perspirant, fresh effect
- Hair shine, softness, UV protection and more

Our tests can be performed on many different types of articles such as: tights, underwear, T-shirts, jeans, pyjamas, household linen.

* Our laboratory in France is approved with regard to Research Tax Credit (Crédit d'Impôt Recherche)

Did You Know?

Microencapsulation was developed in the 1950s in carbonless paper applications. It was not until 1995 that the first scented textiles appeared via microencapsulation

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