
Microencapsulation technology for PU flexible foams

The Italian company Orsa Foam SpA has developed the **i-fo@m** technology, that uses microspheres to introduce active substances into PU flexible foams. According to the company, the microspheres increase the lifetime and effectiveness of its active ingredients, even years after encapsulation.

i-fo@m Thermo is a foam containing microspheres with a phase-changing material able to thermo-regulate the zones in contact with the body, creating an ideal microclimate. **i-fo@m Active** is a foam including active carbon, capable of reducing unpleasant odours and to absorb organic substances, for application in footwear and sportswear. **i-fo@m Silver** contains silver as a natural antibiotic to safeguard the hygiene in mattresses, sportswear, footwear, and the household sector. **i-fo@m Elisir** is a foam that includes microspheres with essential oils for a pleasant odour, used for the production of mattresses. **i-fo@m Chrome** contains microspheres with substances that can reversibly change colour on contact with heat or when exposed to sunlight for medical, household, packaging, and personal care applications.

Adresse:

<http://www.gupta-verlag.com/general/news/technology/11966/microencapsulation-technology-for-pu-flexible-foams>