



SOLVAY

asking more from chemistry®



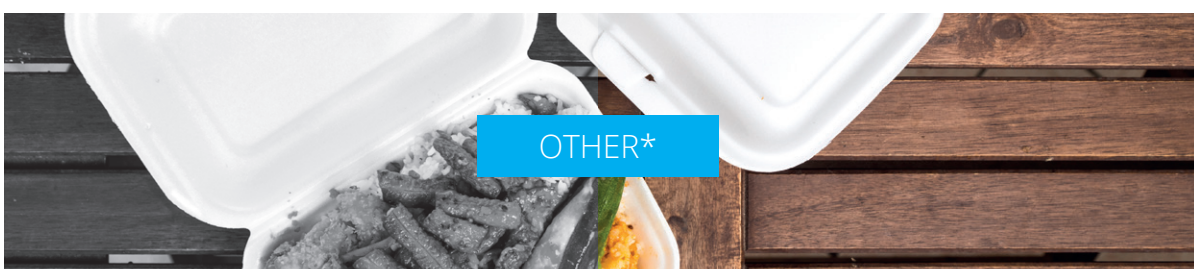
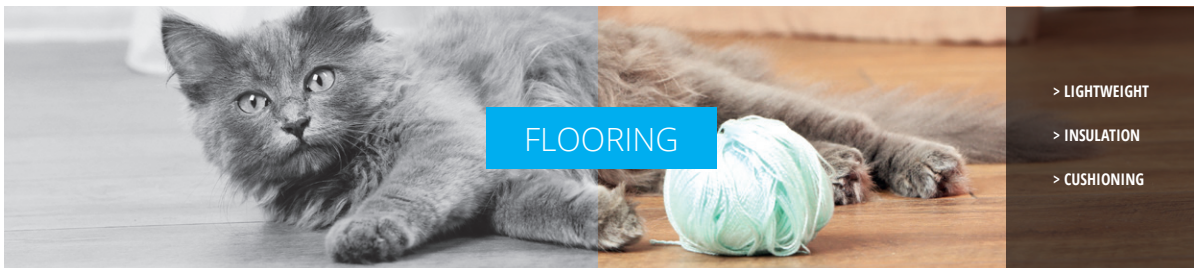
alve-one™

**Sustainable Foaming
Solutions**

ALVE-ONE™ PLACES OUR THERMOPLASTICS' CUSTOMERS AT THE FRONTLINE OF THEIR MARKETS, BY PROVIDING SUSTAINABLE SOLUTIONS TO ACHIEVE THE PLASTIC PROPERTIES THEY NEED.

- ✓ A portfolio of **proprietary chemical blowing agent solutions (ADCA-free)** compliant with present and future regulations.
- ✓ **Tailored solutions** designed to meet our customers' existing process needs and challenges and to help them in the success of future developments.
- ✓ **Cost-effective solutions** thanks to easy process adaptation and Alve-One™'s continuous technical support.

ALVE-ONE™ PROVIDES VALUABLE PLASTIC'S FUNCTIONALITIES TO A WIDE RANGE OF APPLICATIONS



* Electrical and electronic, household goods, packaging, sport & leisure.

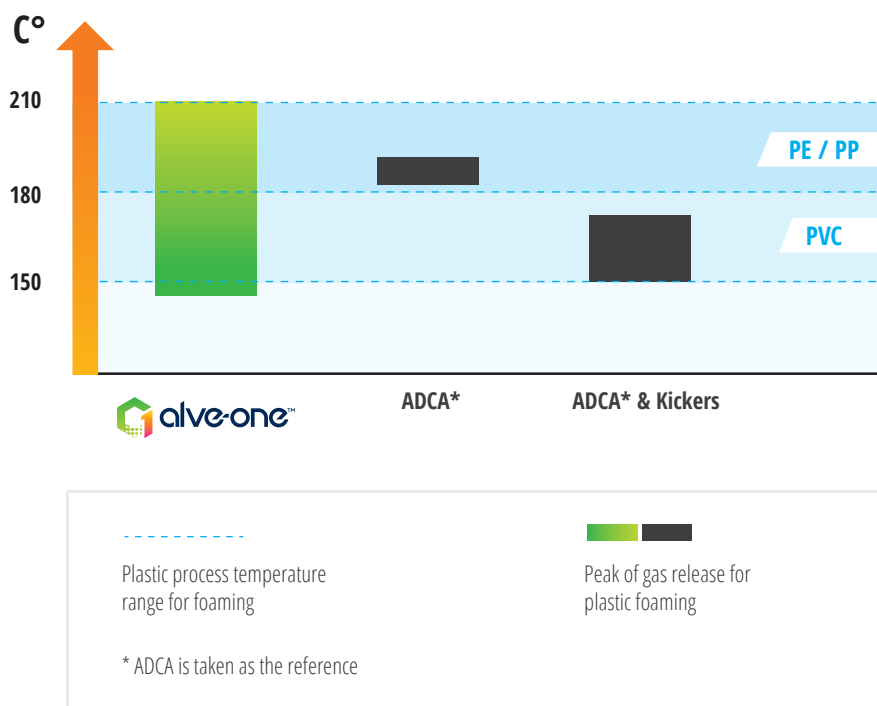
ALVE-ONE™, AN ADVANCED ENDOTHERMIC CHEMICAL BLOWING AGENT SUITABLE FOR MOST TYPES OF PLASTIC FOAMS PROCESSES

- ✓ Fine and uniform foam cell structure
- ✓ An odor-free end-product
- ✓ No need for blowing agents' accelerators
- ✓ No foam scorching (*undesirable discoloration phenomenon which occurs within the foam blocks, causing them to assume a yellowish-brown color*)
- ✓ Faster cycle times (*plastic parts can cool faster*)
- ✓ Adapted to most plastic's processing temperatures

THANKS TO ITS CHEMICAL FORMULATION, ALVE-ONE™ IS FULLY COMPLIANT WITH REACH REGULATIONS

- ✓ Safe for workers to handle and manipulate
- ✓ Easy to store with no particular technical requirements (*e.g. forced ventilation and special safety storage conditions*)
- ✓ Eco-friendly with no harmful residues in the end-product, of special interest to companies committed to reducing their products' environmental impact

ALVE-ONE™ can be used for a wide range of plastics and their related processing temperatures due to its large range of controlled gas release



EACH CUSTOMER IS UNIQUE!

Because at Solvay we understand that each customer is unique, we have developed a collaborative approach to find solutions that fit your specific needs in terms of (1) improvement of production process efficiency, (2) respecting end-products' quality requirements and (3) following the market's continuous demand for increased sustainability.

Our dedicated team offers continuous support through highly qualified technical and commercial expertise with a worldwide reach.



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