

TRAMACO: New adhesion promoter for polyolefinic plastics

Pinneberg/Germany, August 31st, 2015 - TRAMACO has extended its product group with TRAPYLEN® 146 S. The new product also has a molecular weight (MW) of approx. 110,000, but its chlorine content of 19 percent means that it is considerably more soluble in comparison with its forerunners.

Owing to their excellent adhesion properties, chlorinated polyolefins (CPOs) have long been successfully used for coating polyolefinic plastics such as polypropylene. In many sectors, coating systems must fulfil increasingly demanding requirements. Although good adhesion to the plastic substrate is essential, the coating often also has to be resistant to mechanical and chemical effects (e.g. fuel, steam jet). Many CPOs used for coating plastics have a MW in the range of 40,000 to 70,000. CPOs with higher molecular weights tend to have better resistance to chemicals. Thus the standard product TRAPYLEN® 145 S (MW approx. 110,000, chlorine content approx. 15 percent) has been used very successfully in primer applications. However, owing to its maximum solubility of around five percent in xylene, the incorporation of TRAPYLEN® 145 S in coating systems or the formulation of pigmented primers is rather challenging.

The new TRAPYLEN® masters this challenge: Solutions in xylene with a solids content of up to 20 percent can be achieved and thus provide a wider flexibility for formulating.

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ROWA GROUP Holding GmbH

About TRAMACO GmbH:

The TRAMACO GmbH was founded in 1973. In the beginning trading with chemical specialities was the main focus. Nowadays TRAMACO's main activity is the marketing of its own manufactured products. Thanks to a broad range of high quality basic raw materials from strong suppliers, proprietary specialities from its own production as well as competent technical service TRAMACO is a reliable partner for users of chemical foaming agents, adhesion promoters and additives. Since 1979 TRAMACO has been a member of the ROWA GROUP.

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