

LUCOBIT AG presents MSA-grafted copolymers and compounds Friendly fire protection agents in compliance with the DIN EN V 1187 standard

Wesseling, September 2007 - Around 3,000 exhibitors from 57 nations will be presenting their latest developments from 24 to 31 October at the leading plastics trade fair K in Duesseldorf. For the third time in a row, LUCOBIT AG will once again be there to present a series of product innovations for the plastics processing industry. The company will focus on two main areas. In the area of flexible polymers, the LUCOBIT range has been expanded by MSA-grafted copolymers based on ethylbutylacetate (EBA) and linear polyethylene (LLDPE), which are used, for example, in polymer modification. On top of this, visitors can also see ECB/EBT and TPO/FPO materials for sealing technology in their own special area of the show. These have been specially adapted to comply with the fire protection regulations of the new DIN EN V 1187 European standard.

In the past years, LUCOBIT materials research has already initiated numerous product innovations. For example, LUCOBIT AG's ranges in the area of flexible polymers have been gradually complemented by new high-performance materials suitable for an ever expanding application spectrum. The addition of grafted copolymers to the current programme constitutes a further step forwards in this direction.

Improved characteristics, diverse applications

Two new product types will be presented to the plastics industry for the first time at K 2007. These are materials based on ethylbutylacetate (EBA) and linear polyethylene (LLDPE), from which a small amount of maleic anhydride (MSA) is grafted, in order to improve the processing characteristics and achieve the desired mechanical properties. The grafting takes place in a special procedure which enables the targeted modification of saturated polymers. As well as for the modification of the impact resistance of technical plastics and PVC, grafted copolymers are particular suitable for improving the compatibility in compounds or as adhesives in coatings, for example.

Axel Rödlich, LUCOBIT AG Marketing Manager for flexible polymers, explains: "As a supplier of speciality plastics we already have a good standing and have established ourselves internationally in polyethylenes as well as copolymers based on butylacrylate. The development of grafted product types is therefore the next logical step in our product philosophy. In numerous plastics applications, extraordinary product characteristics can be achieved through the use of grafted copolymers. With these materials, we are expanding our product range in a fast-growing market segment. They therefore fit excellently into our strategic concept to enter new application markets." The grafted copolymers from LUCOBIT AG will be launched under the names Lucofin® 1470 and Lucofin® 1485. The launch will take place immediately following K 2007.

LUCOBIT AG presents MSA-grafted copolymers and compounds Friendly fire protection agents in compliance with the DIN EN V 1187 standard

High-performance materials for sealing technology – tried, tested and future-oriented

With its presentation at K 2007, LUCOBIT AG is pursuing a two-fold strategy for the first time. Until now, the sealing segment and the area of flexible polymers were strictly separated. "In our opinion, this separation no longer makes sense, as we are realising that the manufacturers of roof and sealing membranes are also becoming increasingly interested in new product developments on the plastics market," says LUCOBIT CEO Robert Riegler. "In this way, we are able to present a current topic which should be of interest to many fair visitors, for example with our products which all comply with the fire protection regulations of the new DIN EN V 1187 European standard.

The new European standard consists of a total of four testing methods according to which sealing products can be tested for fire safety. As well as a slightly modified German DIN procedure, the tests include the North Test used so far in Scandinavia and the French and British procedures according to the Association française de normalisation (AFNOR) and the British Standard Institution (BSI).

On the medium term, the EU member states will have to decide which testing method to include in their national laws. The compliance with the European fire protection regulations is an important criterion for the authorisation of plastic roof and sealing membranes on the individual national markets. In order to provide its customers with easier access to all European export markets, LUCOBIT AG has adapted its products to meet these demands and has proven that the compounds based on ECB/EBT and TPO/FPO materials fulfil the demands of all four test set-ups.

Press Information / K 2007 Düsseldorf

**LUCOBIT AG presents MSA-grafted copolymers and compounds
Friendly fire protection agents in compliance with the DIN EN V 1187 standard**

The company

A Group-independent company, LUCOBIT AG develops, produces and sells top quality materials for the plastics processing industry. Our focal area of business is in high-quality speciality plastics based on flexible polyolefins.

A large product spectrum is divided into three main areas of applications:

- Sealing technology
- Asphalt and bitumen modification
- Flexible polymers

Competence, experience and the specialist knowledge from 40 years of product history are the reasons behind LUCOBIT AG's success as a first class point of reference on the national and international markets. As well as our range of materials, we also offer our customers a comprehensive range of services from consulting to transport logistics. LUCOBIT AG will be at the K trade fair in Duesseldorf for the third time running with its own exhibition area at the stand of BASF AG, Ludwigshafen.

LUCOBIT AG at K 2007

Messe Düsseldorf
Hall 5, Stand B21 (BASF AG)

Appointments can be made immediately by phone or e-mail at:

Tel. +49 (0) 22 36 / 3 78 59 10

E-Mail: info@lucobit.de