

## Nigrosine - low emission and glossy black

Pinneberg/Germany, August 7th, 2014 - ROWA Masterbatch, the specialist for polymer specific colour, additive and multi-functional masterbatches, proves expertise: the Pinneberg-sited company is one of the few manufacturers who has been producing a high quality PA nigrosine masterbatch for many years. This colour masterbatch is particularly suitable for black colouration of glass-fibre-reinforced nylon grades used in automotive engine parts. As the manufacturer of the PA nigrosine masterbatch, the company is not only a supplier of the automotive industry, it also supplies a number of established nylon manufacturers and compounders.



Carbon black is the traditional colourant - also in the automotive industry. However, carbon black can interfere with the mechanical properties and material behaviour during injection moulding. Therefore, soluble colourants are preferred for applications “under the hood”. This includes nigrosine: these complex dyes are incorporated into a polymer matrix where they can dissolve. The colourant, with the Color Index Solvent Black 7, readily dissolves and thus provides a number of advantages compared to carbon black, particularly for glass-fibre-reinforced nylon: the surfaces of the parts have a high gloss level while the mechanical properties, such as the impact resistance, remain unchanged. Furthermore, nigrosine promotes complete filling of the mould because it does not increase the melting temperature of the polymer.



ROWA GROUP Holding GmbH

ROWA Masterbatch also attaches great importance to the subject of environmental protection: The company only uses state of the art low emission nigrosine grades. Needless to say, that the extensive product portfolio of the Pinneberg-based manufacturer also includes a large selection of recipes containing conventional carbon black grades.

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**Text approved - Specimen copy requested**

#### **About ROWA Masterbatch GmbH:**

The ROWA GmbH was established in 1958 and is a partner in the ROWA GROUP of companies. The brand ROWA stands for technical competence, modern product design and customer oriented service the world over. Tailored customer solutions are part of the ROWA tradition and are a matter of course! The development of new products, the search for alternative raw materials and the constant and sustained optimisation of our processes, coupled with modern technology, motivated employees and economical environment protection enjoy the highest priority in our company. In 2010 the ROWA GmbH has been renamed into the ROWA GROUP Holding GmbH and the departments Lack and Masterbatch were newly formed as ROWA Lack GmbH and ROWA Masterbatch GmbH specialist division: Colour and additive masterbatches.

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