



Environmental-friendly Laser Marking  
Pigment



## Environmental-friendly Laser Marking Pigment

LASERSAFE 040 is a new generation of laser marking additives based on a heavy metal-free pigment which renders it suitable for today's eco-friendly markets. Exceptional contrasts at high speeds and superior quality can be achieved with LASERSAFE 040. It is suitable for use with all standard lamp technology, such as the Nd:YAG laser system operating at 1064nm.

LASERSAFE 040 is designed for plastics which are inherently poor for laser marking such as polyolefins (HDPE, LDPE, LLDPE, PP and PP-copo) as well as engineering plastics like PA, PET, PS/SAN, PC/ABS, etc. Due to its excellent laser marking efficiency, even at low dosage levels, LASERSAFE 040 offers good color stability of the final formulation.



For easy dosing LASERSAFE 040 is available in pellet form and can thus be handled and processed as easily as a color masterbatch. The carrier material is based on a thermoplastic polyolefin.

The standard packaging for LASERSAFE 040 is a 25 kg PE bag in carton. The product is not categorized as "Dangerous Good" according to IATA-DGR, IMDG-Code and ADR-Regulations.

**DISCLAIMER:**

The typical technical specifications and other information presented in this leaflet correspond to the current status of our knowledge and experience. They are intended for providing general information to our customers, but do not release the potential user from the responsibility of testing the products described for ascertaining their suitability for the intended application. We reserve the right to alter product denominations or specifications as a result of technical progress or continuing development in manufacturing.

Our technical consulting service is available on request for further advice, for co-operation in solving problems arising in conjunction with manufacturing and applications, as well as for the elaboration of recommended formulations. However, this does not release the user from the responsibility appraising these data and recommendations prior to their application. No liability is assumed for the correctness and completeness of the data presented on this sheet as is also the case for any other technical information for application.



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