

 LaserSafe


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*Environmental-Friendly  
Laser Marking Pigment*

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## Environmental-Friendly Laser Marking Pigment

**LASERSAFE** is a new generation of laser marking additives based on heavy metal-free pigments which render them suitable for today's ecofriendly markets. Exceptional contrast at high speeds and superior quality can be achieved with **LASERSAFE**. It is suitable for use with all standard lamp technology, such as the Nd:YAG laser system operating at 1064 nm. The product is suitable for the highest processing speeds and extreme image sharpness.

**LASERSAFE** 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 the excellent laser marking efficiency, even at low dosage levels, **LASERSAFE** offers good color stability of the final formulation. For easy dosing **LASERSAFE** 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.

**LASERSAFE 040** is for dark marking on bright substrates.

**LASERSAFE 020** is for bright marking on dark substrates.



### Technical Information

<b>LASERSAFE</b>	Article No.	Product form	Active substance	Pigment Content	Properties
LASERSAFE 040	052487...	Granules	Aluminum	40%	For dark marking on bright or transparent plastics
LASERSAFE 020	027772...	Powder	Artificial Mica	100%	For bright markings on dark plastic surfaces
LASERSAFE 020 Pellets	028773...	Pellets	Artificial Mica	70%	For bright markings on dark plastic surfaces

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