



LASERSAFE 020 Pellets –  
Precision in Laser Marking

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## Innovative Pigment Technology for High-Contrast Results

**LASERSAFE 020 Pellets** is a high-performance pigment developed specifically for laser marking, delivering vivid, high-contrast results on dark plastic surfaces. As laser-based product design and individualization become increasingly integral to industries such as packaging and automotive, ECKART presents **LASERSAFE 020** and **040** as complementary solutions – tailored for both light and dark marking applications.

The pelletized format of **LASERSAFE 020** is a globally unique offering, designed for users who require or prefer pelletized

materials instead of powder. It integrates seamlessly into a wide range of plastic processing techniques, including:

- Extrusion
- Injection molding
- Blow molding
- Blown and cast film extrusion

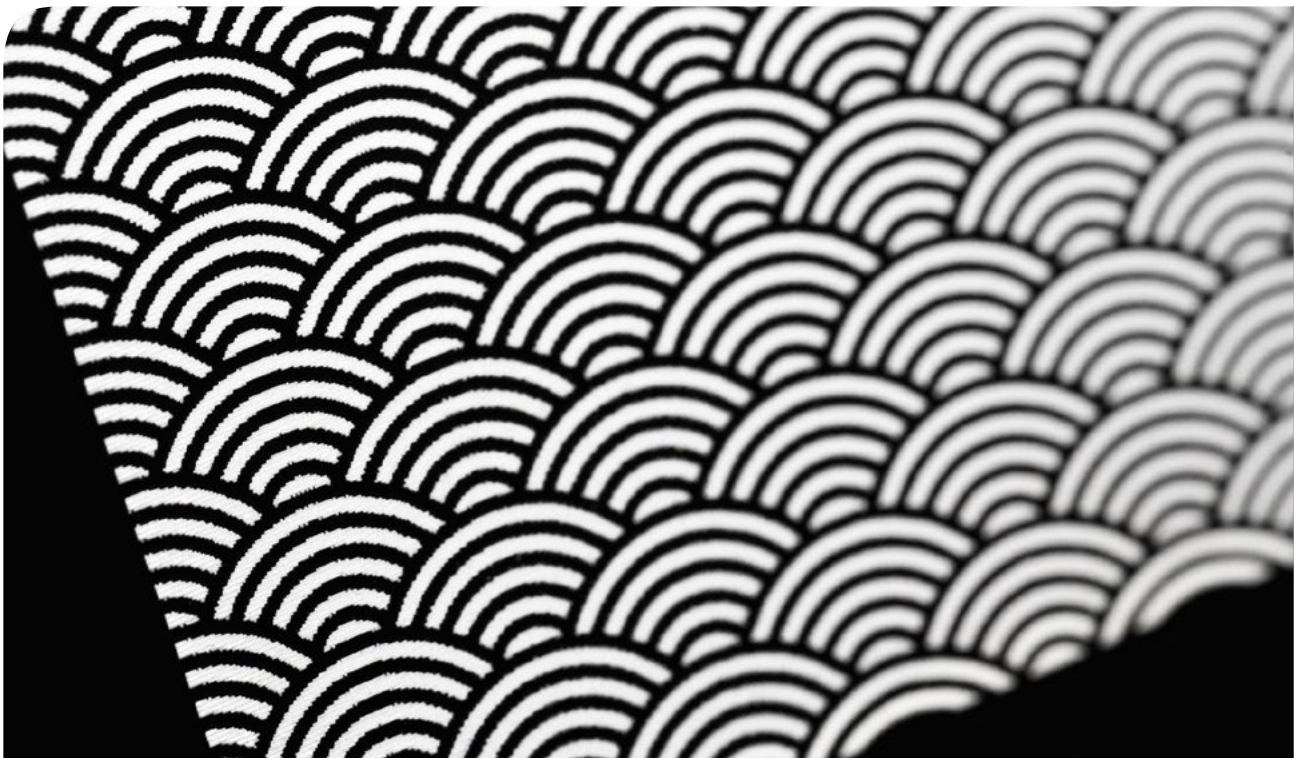
Its compatibility with a broad spectrum of polymers—such as LDPE, HDPE, PP, PS, PVC, PA, ABS, PC, and PMMA—makes it a versatile solution across multiple industries.



## Key Features & Benefits

- Delivers strong, bright contrast on dark plastics– even at low dosages
- Supports high-speed laser marking for efficient production workflows
- Supplied in a dust-free pellet form for clean, automated processing
- Enables colored laser markings when used in combination with color pigments
- Compatible with a wide range of polymers
- Fully compliant with food contact regulations

LASERSAFE	Article No.	Particle Size in $\mu\text{m}$	Effects & Properties	Chemical composition					
				Synthetic Fluor-phlogopite	Iron Oxide	PE wax	Dispersing Agent	Unit	Method
LASERSAFE 020 Pellets	028773GD0	1–15	for bright marking	39–53	17–31	23–27	approx. 5	%	ECKART internal





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