

# Masterbatches (Granulate)

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Colorize modern plastic and fiber materials with either masterbatches or dry blends. Our portfolio gives you a versatile range of standard and tailored, high-performance products for a variety of applications in automotive, packaging, construction, household, fibers, sports and leisure, and many more.

We have expert knowledge in production-processes for various applications in the plastics industry. The carrier material in masterbatches must be compatible with the plastic polymer of the end product and therefore should be of the same class of polymer or be a well-tolerated substance. This will avoid negative effects on mechanical, thermal and optical properties.

Find out more about our product portfolio below.

Our portfolio also includes [masterbatches](#) for the ecological coloration of sustainable plastics.

Product	Application	Composition
<b>Compound</b>	<b>Special Compounds for Engineering plastics</b>	
Euthylen®	Coloration of polyolefin film	Organic and/or inorganic pigments in a polyethylene carrier with or without wax
Euthylen® P	Coloration of polypropylene film	Organic and/or inorganic pigments in a polypropylene carrier with or without wax
Lufilen®	Coloration of polypropylene and polyethylene yarns and fibers	Organic and/or inorganic pigments in a polyethylene carrier (PE and PE wax)
Luprofil®	Coloration of polypropylene yarns and fibers	Organic and/or inorganic pigments in a polypropylene carrier (PP and wax)
Palamid®	Coloration of polyamide yarns and fibers	Organic and/or inorganic pigments or dyes in polyamide 6

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Product	Application	Composition
<b>Compound</b>	<b>Special Compounds for Engineering plastics</b>	
Sicoversal®	Coloration of articles produced by injection molding or extrusion; the almost universal carrier allows a large range of applications.	Inorganic and/or organic pigments or dyes dispersed in a thermoplastic carrier.
Sicoversal® B	Used for the coloration of articles produced by injection molding or extrusion. It colors biopolymers, as well as PLAs and PLA-compounds, and it is particularly suitable for the coloration of ecovio®. Special types for paper coating are also available.	Sicoversal® B is composed of inorganic and/or organic pigments or dyes, dispersed in a thermoplastic carrier. It is based on ecoflex® and all its ingredients comply with the European standards of compostability
Sicoversal® X	Coloration of articles produced by injection molding or extrusion; Sicoversal® X preparations are not as universally suited as Sicoversal® preparations due to the constitution of the colorants and carrier material.	Inorganic and/or organic pigments or dyes, dispersed in a thermoplastic carrier (e.g. ABS, SAN, PMMA)
Sicolen®	Coloration of articles made of polyolefin produced by injection molding, blow molding and extrusion	Inorganic and/or organic pigments, dispersed in a PE carrier (LD or HD) most of the time without wax
Sicolen® E	Coloration of polyethylene cables	Inorganic and/or organic pigments dispersed in a carrier of polyethylene with or without wax
Sicolen® P	Coloration of polypropylene articles produced by injection molding, blow molding or extrusion	Inorganic and/or organic pigments dispersed in a polypropylene carrier with or without wax
Sicolen® W	Specifically for the coloration of wood and natural fiber reinforced plastic compounds. The raw materials used are adjusted to the application to provide excellent fastness properties.	It is composed of organic and/or inorganic pigments in a polyethylene carrier with an optimized additive package if requested.

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<b>Compound</b>	<b>Special Compounds for Engineering plastics</b>	
Sicopos®	Coloration of articles made of polyester (PET, PBT) produced by injection molding, blow molding or extrusion; the almost universal carrier allows the coloration of a large range of applications with thermoplastics.	Inorganic and/or organic pigments or dyes, dispersed in a polyester carrier
Sicostyren®	Coloration of articles made of crystal polystyrene or of an impact-resistant grade of polystyrene, produced by injection molding or extrusion; for the coloration of other styrene copolymers (SAN/ABS/ASA) we recommend Sicoversal® and Sicoversal® X preparations	Inorganic and/or organic pigments or dyes, dispersed in a polystyrene carrier
Sicopas®	Coloration of polyamide intended for injection molding and extrusion (for the mass-coloration of polyamide fibers we recommend Palamid® preparations)	Inorganic and/or organic pigments or dyes, dispersed in a carrier based on polyamide 6
Sicovinyl®	Coloration of rigid PVC (PVC-u) articles produced by extrusion	Inorganic and/or organic pigments or dyes, dispersed in a carrier based on PVC
Sicovinyl® E	Coloration of PVC cables	Inorganic and/or organic pigments, dispersed in a carrier based on PVC
Sicolen® B	Coloration of articles made of conventional or bio-based polyolefin produced by injection molding, blow molding and extrusion	Inorganic and/or organic pigments, dispersed in a bio-based PE carrier
Sicovinyl® W	Specifically for the coloration of wood and natural fiber reinforced plastic compounds. The raw materials used are adjusted to the application to provide excellent fastness properties.	It is composed of organic and/or inorganic pigments in a PVC carrier with an optimized additive package if requested.
Uvinul®	UV batches based on different carriers (e.g. PE, PP, PA).	It is composed of stabilizer systems adjusted to requested application.

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# Masterbatches (Dry Blends)

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Product	Application	Composition
Sicoplast®	Coloration of all thermoplastic materials, intended for processors operating with pigment blend	Dry blends of inorganic and/or organic pigments
Sicoplast® V	Coloration of PVC	Dry blends of inorganic and/or organic pigments/dyes; in some cases PVC (in ground form) is added
Sicoplast® W	Pigment blend for the coloration of wood and natural fiber reinforced plastic compounds. The raw materials used are adjusted to the application to provide excellent fastness properties.	It is a dry mixture composed of organic and/or inorganic pigments.

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