



MOCOM

Alperform® Masterbatches It's your decision

The Alperform® brand stands for a series of complex additive masterbatches for the highest demands. At the customer's request a wide variety of functionalities can be incorporated and controlled in a polymer via the Alperform® products.

Alperform® HM – Hygienic Material

With the Alperform® HM (Biomaster Protected) product series, MOCOM offers masterbatches based on silver ions. These products offer antibacterial protection of plastic surfaces over the entire service life of a product. The high effectiveness of the silver ions from 15 minutes of action is outstanding.

Alperform® LS – Laser Sensitive

With the Alperform® LS product series, MOCOM offers masterbatches that permanently improve the typeface of laser markings in various plastics. There are no limits to the user in terms of white, black, colored and transparent settings.

Alperform® DET – Detectable

With Alperform® DET, MOCOM has developed masterbatches in close

cooperation with customers and manufacturers of metal and X-ray detection equipment, which can be used in particular in the food industry. With these concentrates, the detectability of plastics can be adjusted specifically to the customer's requirements.

Alperform® LD/LDX/LB – Light Diffusion/Light Blocking

Alperform® Lighting Masterbatches represent a flexible alternative to the well-known Alcom® Lighting Portfolio and are used primarily where customers want to control or frequently vary the lighting properties of their products themselves.

Alperform®: the advantages at a glance

- Masterbatch solutions for a wide variety of thermoplastics
- Flexible to use
- Easy handling and feeding
- Partially combinable with color or function masterbatch
- Customer specific developments possible

Additive	Carrier	Function	Comment
HM (Hygienic Material)	PE	Certified antibacterial effect	Use in PE, PP, TPE
	SAN	Certified antibacterial effect	Use in SAN, ABS, PS, PC/ABS
	PA	Certified antibacterial effect	Use in PA6, PA6.6
	PC	Certified antibacterial effect	Use in PC, PC/ABS
	TPU	Certified antibacterial effect	Use in TPU
LS (Laser Sensitive)	PE	Dark an bright marks possible	Use in PP, PE, POM, PBT, TPE, TPU
	SAN	Dark an bright marks possible	Also for transparent applications
	PA	Dark an bright marks possible	Use in PA6, PA6.6
	PBT	Dark marking	Also for transparent applications
	PS	Dark marking	Also for transparent applications
DET (Detectable)	PE	Metal detection for foil applications	LM-EU and FDA certificate
LD/LDX (Light Diffusion/ Light Diffusion Extrusion)	PC	Homogenous light scattering	Lighting properties depending on dosing
	SAN	Homogenous light scattering	Lighting properties depending on dosing
	PMMA	Homogenous light scattering	Lighting properties depending on dosing
LB (Light Blocking)	PC	Light tight and high reflective	Masterbatch with white color
	ABS	Light tight and high reflective	Masterbatch with white color

Further base polymers possible on request.

MOCOM Compounds GmbH & Co. KG

Mühlenhagen 35 | 20539 Hamburg

T +49 40 78105-720 | sales@mocom.eu

T +49 40 78105-710 | technical@mocom.eu

www.mocom.eu

The information contained in this publication is based on our current knowledge and experience. However, due to the large number of factors that can influence our products when they are processed and used, it does not exempt processors from carrying out their own investigations and tests. Legally binding assurances of specific properties or of suitability for a specific purpose cannot be derived from our information. The recipient of our products is responsible for observing any applicable industrial rights as well as the existing laws and regulations.

MOCOM_1020