



Pearlescent Pigment Preparations for Plastics



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MASTERSAFE® SYMIC from ECKART is a de-dusted pigment preparation of the SYMIC pearlescent pigments. The compacted pellet exhibits a reduced bulk density in comparison to the corresponding pigment powder.

MASTERSAFE® SYMIC is based upon 70% pigment and 30% of a polyolefin carrier. The products can be used for numerous plastics applications such as extrusion, injection moulding, blow moulding blown film or cast film extrusion.

MASTERSAFE® SYMIC is suitable for polyolefins like LDPE, LLDPE, HDPE, PP etc. and engineering resins.

The advantages of MASTERSAFE® SYMIC are:

- Easy to dose
- Safe handling
- Automatic metering
- Easy to disperse
- Suitable for food packaging
- De-dusted product form



Type	Pigment Color	Particle Size Distribution approx. µm	Modification	Pigment Content [%]	Bulk Density kg/m ³
SYMIC A 001L*	Interference Silver	1 - 15	Rutile	70	630 - 670
SYMIC C 001L*	Interference Silver	10 - 40	Rutile	70	610 - 650
SYMIC E 001L*	Interference Silver	20 - 150	Rutile	70	540 - 580
SYMIC C393	Interference Gold	10 - 40	–	70	720 - 760

* = Stabilized against yellowing caused by phenolic antioxidants (mandatory for plastics applications)

The technical specifications and other information in this leaflet reflect our current knowledge. They are solely intended as general information for our customers. Our customers still bear the responsibility for testing the products to ensure suitability for customers' intended applications and meeting customers' end-use requirements. We reserve the right to alter product performance and specifications. Our technical consulting service

is available for further advice, technical help in solving problems arising in manufacturing and applications, as well as with product formulations. The customer, however, is responsible for reviewing such data and recommendations prior to using them in an application. We assume no liability for the accuracy and completeness of the data presented on this leaflet or any other technical information we provide.

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