





Galaxy® holographic pigments provide exclusive glittering polychromatic effects.

The extremely reflective particles offer unique styling possibilities for high end plastic applications. They display a fabulous effect. Galaxy® Hologram Silver is used in plastic applications such as extrusion, co-extrusion and injection molding.

This special effect pigment is mainly incorporated into colour concentrates, named master batches, to give colour and a hologram effect to various types of plastics such as PVC, PE, PC, PMMA, PS, ABS and PP. Galaxy® Hologram Silver is a non-toxic material offered in powder form.

Product benefits

- Non sensitive for friction
- In compliance with regulations for plastics; including food contact
- Galaxy® provides a unique effect in coloured masterbatches

Order details

Available packaging

- 250 g Nett weight
- 1 kg Nett weight
- 10 kg Nett weight

Shelf life

- 3 years original packaging stored in a closed box under dry conditions

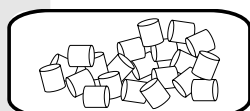
Product data

- Product data sheets and additional technical product information are available on <https://geotech.nl/>

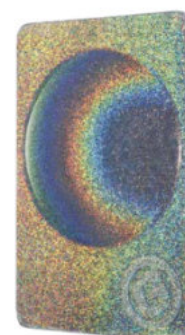
Product range

Art. Nr.	Product	Particle Size
3001005	Galaxy Hologram Silver	D50 = 35 micron
3001006	Galaxy Hologram Sparkling Silver	D50 = 58 micron

Recommended applications



- Masterbatch



GENERAL FORMULATION DO'S AND DON'TS

Avoid grinding

Avoid grinding and milling of the pigment, the particles might break or the coating layer of the pigment might be damaged when the mechanical stress to the pigments is too high.

Galaxy® holographic pigments disperse well without grinding. They can be added to the powder system while stirring after milling of the organic/inorganic pigments and before the binder is added.

Water and solvent resistance

Galaxy® Hologram Silver is stable in water based formulations the pH level ≤ 7 and in solvent based formulations.

UV stability

Galaxy® Hologram Silver is not sensitive to UV light.

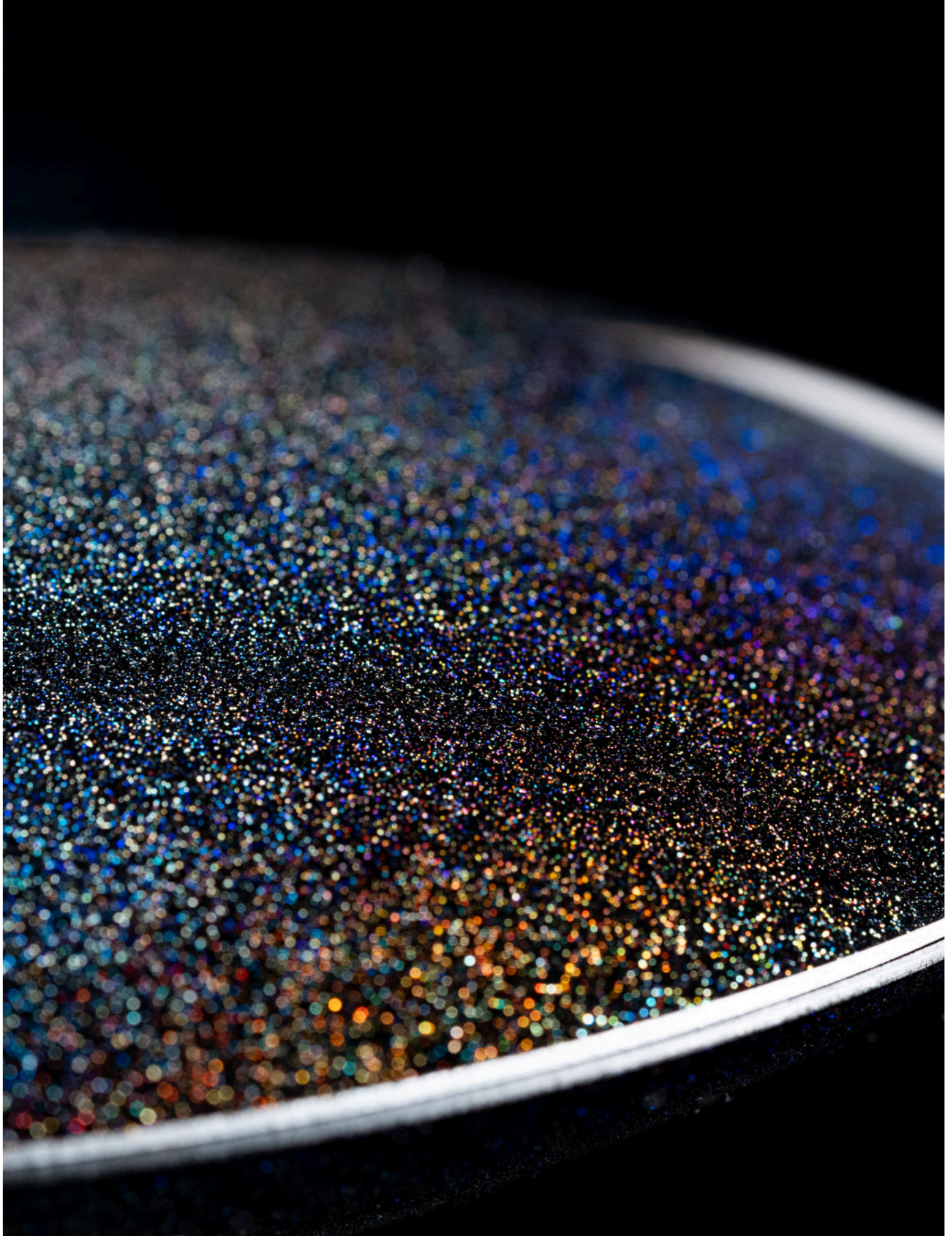
Temperature resistance

Galaxy® holographic pigments are temperature resistant up to 400°C.

Concentration

Finished product	Recommended level of use
Masterbatch	10 - 20 %





Product: **Plastic chip samples**
Code: **GLP-**
Special effect pigment: **Galaxy Hologram Sparkling Silver**

Product name	%WT.	Supplier
Plastic chip 1		
Galaxy Hologram Sparkling Silver	0.50	Geotech International B.V.
Braskem PP Inspire 382 (Clear PP)	99.50	Braksem Netherlands B.V.
Plastic chip 2		
Galaxy Hologram Sparkling Silver	1.00	Geotech International B.V.
Braskem Inspire 382 (Clear PP)	98.00	Braksem Netherlands B.V.
Solvapern Black PLR (MB Black)	1.00	Clariant
Plastic chip 3		
Galaxy Hologram Sparkling Silver	0.50	
Braskem PP Inspire 382 (Clear PP)	98.50	
Master batch Red (5% PR254)	1.00	

Procedure

These chips are manufactured by dry mixing of components using a BOY25E injection molding machine. We recommend to incorporate our special effect pigments into a masterbatch for optimum results. Samples of the chips are available upon request.

ABOUT US

Geotech International B.V., founded in 1984, manufactures and distributes special effect pigments. We are a privately owned family business with offices in The Netherlands, France and Turkey. A global sales network serves over 800 customers worldwide with 16 product lines.

Nowadays the company is managed by the third generation, focusing on innovation and sustainability. GEOTECH's sustainability program has been recognized by EcoVadis for its success, consistently placing us among the top-rated companies they assess. A certified quality management system based on ISO 9001 and GMP standards ensures reliability and excellence.

With over 450 special effect pigments in our portfolio we offer a diverse range of products for the plastics industry. An experienced team of specialists is available to provide you with a high level of service and technical support.

GEOTECH's special effect pigments are used globally in various industries to differentiate consumer products by creating attractive and luxurious appearances.

ecovadis



Plastics

At Geotech International B.V., we support our clients in the plastics industry by testing special effect pigments and conducting quality control with our injection molding machine with different plastic masterbatches.

Our expertise in new effects and pigment applications helps clients achieve unique and high-quality results, enhancing the visual and functional appeal of their plastic products.



Explore our complete portfolio for
the plastics industry at
www.geotech.nl



Geotech International B.V.
info@geotech.nl
+31 (0) 23 531 75 53
www.geotech.nl