What is Metashine® ?

Microglas® Metashine® is a strongly glittering metallic pigment consisting of metal-coated Glass Flakes.

Each grade consists of a tightly controlled particle size distribution to deliver a range of effects from isolated starlight to a shimmering metallic lustre. These effects are readily achieved at low addition rates even in bases with low transparency. The coated glass flakes are also extremely thin and therefore have a high covering power and good tactile feel on the skin.

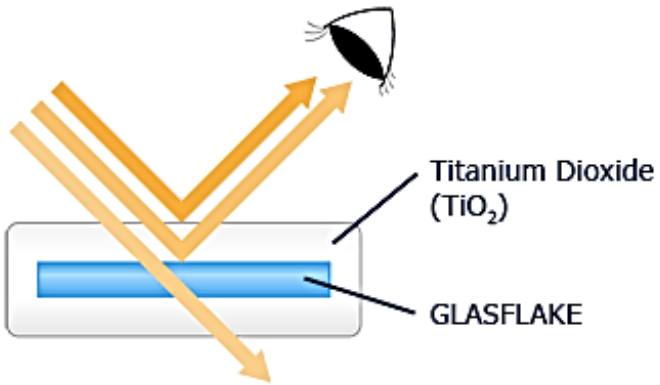
Due to its structure of glass and metal the product is very durable and can easily be processed in standard equipment such as polymer extruders and high shear mixers without being degraded

The low addition levels needed to achieve effects using Metashine minimise any changes in the performance or processing characteristics of the base resin and enable it to be used in a broad range of applications.

Titania Coat Series

Overview

The METASHINE® Titania Coat Series consists of GLASFLAKE products coated with titanium dioxide. The METASHINE® Titania Coat Series is defined by high transparency and brilliant interference colours. Both glass and titanium dioxide are transparent substances and, therefore, products of this series provide high transparency.



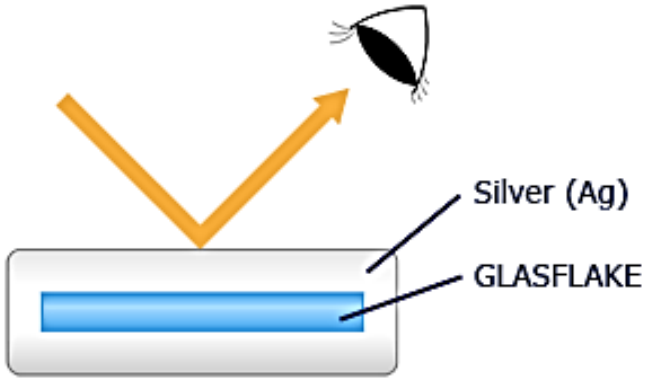
In the light that reflects off the coated layer and glass surface, a difference in optical path is generated. By adjusting the coating thickness of the titanium dioxide, the optical path difference is varied and five colours of interference light are generated.

Silver Coat Series

Overview

The METASHINE® Silver Coat Series consists of GLASFLAKE products coated with silver. The use of silver achieves remarkably strong brilliance.

There are also additional products coated with pure gold on top of the silver.



Iron Oxide Coat Series

Overview

The METASHINE® Iron Oxide Coat Series consists of GLASFLAKE products coated with iron oxide. With the standard type, gold to russet colour tones specific to iron oxide can be expressed.

A black type with blackness added by reduction-treating the iron oxide layer is also available.