Superior liquid metal effects for premium coating designs

Metasheen® for water-based industrial coatings

Design
- Alternative smooth aesthetic appearance in comparison to ball-milled metallic pigments
- Very clean appearance in combination with transparent pigments and dyes

Efficiency
- Lower solids content in coating due to less pigment and resin needed, compared to conventional aluminum-based coatings

Applications
- Interior and exterior automotive, e.g. in the dashboard and rear-view mirrors
- Wheel rims
- 3C applications including tablets & laptops, loudspeakers and mobile phone corpus
Metasheen® is a vacuum metallized pigment (VMP) dispersion that can be used for creating liquid metal effects. It allows coatings formulators to create premium product appeal. Metasheen® 72-1110 offers a mid-shade liquid silver effect, while Metasheen® 42-1110 gives a darker shade. These passivated product grades are suitable for use in water-based coating systems. Metasheen® 72-1110 is the favored option in combination with transparent colored pigments and dyes, as it exhibits cleaner color shades.

At a glance

<table>
<thead>
<tr>
<th></th>
<th>Particle size d50</th>
<th>Solid content in solvent</th>
<th>Recommended resins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metasheen® 42-1110</td>
<td>8.5–11.5 µm</td>
<td>10% Aluminum slurry in Butyl Glycol</td>
<td>Acrylic, Polyurethane, Alkyd, Polyester</td>
</tr>
<tr>
<td>Metasheen® 72-1110</td>
<td>11–13 µm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Key properties

- 72 series
- 42 series

Shades

| 42 series | 72 series |

Contacts

Asia Pacific
BASF Colors & Effects Shanghai Ltd.
No 300, Jiang Xin Sha Road
200137 Shanghai
China

Europe
BASF Colors & Effects GmbH
An der Rheinschanze 1
67059 Ludwigshafen
Germany

North America
BASF Colors & Effects USA LLC
24710 West Eleven Mile Road
Southfield, MI 48034
USA

South America
BASF S/A
Av. das Nações Unidas, 14171
Crystal Tower 11th floor,
Morumbi 04538-132, São Paulo
Brazil

BASF Colors & Effects GmbH, 67059 Ludwigshafen, Germany, www.colors-effects.basf.com

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed. (03/2016)

® = Registered trademark of the BASF Group