

Full Shade



Product Description

| | |
|---------------------------|-------------------|
| Chemical characterization | Diaryl yellow |
| Color Index | Pigment Yellow 13 |
| C.I. No. | 21100 |

MICROSPERSE™ PLUS aqueous dispersions are designed to provide the ultimate tinting strength, transparency and gloss for high quality water based inks. These products can be used in a broad range of water based inks for printing paper and paperboard ink systems, lamination, mylar, film and foil. MICROSPERSE™ PLUS Yellow 0130E is a solvent free Pigment Yellow 13 dispersion based on a styrene acrylic resin (MEA stabilized) and a nonionic surfactant.

Technical Data

| | Unit | Value | Test Method |
|-----------------|----------------------|----------|-------------------------|
| Pigment content | [%] | 40 | |
| pH value | | typ. 8.5 | |
| Density | [g/cm ³] | typ. 1.2 | acc. to DIN EN ISO 2811 |

Fastness Properties

| | Value | Test Method |
|-----------------------------|-------|-----------------------------------|
| Acid | 5 | rating acc. to DIN EN ISO 105-A03 |
| Alkali | 5 | rating acc. to DIN EN ISO 105-A03 |
| Light fastness [full shade] | 4 - 5 | rating acc. to DIN EN ISO 105-B02 |
| Light fastness [1/3 SD] | 4 | rating acc. to DIN EN ISO 105-B02 |

Fastness properties are based on information from pigment suppliers.

Application Profile

| | |
|-------------------|-----|
| Water based inks | +++ |
| Flexographic inks | +++ |
| Gravure inks | +++ |

+++ Excellent choice

++ Good choice

+ Possible choice

Packaging and Handling

| | |
|-----------|--|
| Packaging | 25 kg plastic pail |
| Packaging | 200 kg plastic drum |
| Packaging | Different types of packaging are available on request. |

Tds-ms_y0130e-01_02

Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.