



ColorFalt V Yellow

Technical Data Sheet

25th April 2019

ColorFalt V Yellow is a granulated product from **Ventraco Chemie**. Designed specifically for use in the colored asphalt market that offers a non-dusting, free-flowing pigment which disperses rapidly in bitumen and resin systems, to give excellent color development.

ColorFalt V Yellow is based on a low-melt EVA carrier, manufactured using premium grade synthetic iron oxide. **Colorfalt V Yellow** offers excellent light and weather fastness, and an environmentally friendly alternative to more traditional asphalt coloring systems.

Typical Properties	
Pigment	Yellow Iron Oxide
Pigment / additive content	80 %
Carrier	EVA
Granule shape	Oval
Granule size (average)	3mm x 1mm
Melting point	90 – 120 °C

Characteristics	ColorFalt V Yellow
Light Fastness (1% dosage measured on the Blue Wool Scale, DIN 53387-2-E; 500 hours)	8
Weather Fastness (1% dosage measured on the ISO Grey Scale, DIN 53387-1A-X; 3,000 hours)	4-5
Heat Resistance (1% dosage with a residence time of 5 min.)	150 °C (DPA – 003)

Application:

Due to the nature of the polymer used in **ColorFalt V Yellow**, the binder / bitumen will become modified, and it should be regarded as such. The mixing time for the asphalt mix may have to be extended by a few seconds to allow full granule melt down, depending on the type of mixer, and the asphalt gradation.