

TEGO® Dispers 1010 – Lowest viscosities for high quality inkjet printing

A new type of dispersing additive from Evonik's Resource Efficiency Segment has been specially developed for low polarity ink systems – with a special focus on ceramic inks. Even at high pigment loading, TEGO® Dispers 1010 delivers low viscosities, thus making a major contribution to the efficient manufacture of ceramic inks. The solvent-free, liquid dispersing additive with 100% active substance content is easy to handle and dose.

TEGO® Dispers 1010 allows for the production of low-viscosity inkjet inks with Newtonian flow characteristics. Small particle sizes, obtained by efficient grinding, result in maximum color intensity, while narrow particle size distribution ensures inks with easy filterability. Sedimentation of all pigment types is suppressed despite the low viscosity and allows ink systems to achieve long shelf life.

“The product exhibits broad compatibility and can be easily combined with co-additives, such as TEGO® Dispers 656, to achieve a desired yield point,” states Dr. Anna-Maria Hofmann, director global of marketing for inks & new applications.

“Combination with further dispersing additives also permits the compatibility of non-polar solvents, such as hydrocarbons, to be adjusted to that of polar solvents. A true all-rounder – also suitable for use with organic pigments and carbon blacks!”

Other TEGO® Dispers wetting and dispersing additives can be used in combination to promote the performance of TEGO® Dispers 1010. More information is available on request from digital-printing-inks@evonik.com.

April 5, 2016

Ariel Fang

Communications

Tel +86 21 6119-1505

Fax +86 21 6119-1116

Ariel.fang@evonik.com

Evonik Industries AG

Rellinghauser Straße 1-11
45128 Essen

Germany

Phone +49 201 177-01

Telefax +49 201 177-3475

www.evonik.de

Supervisory Board

Dr. Werner Müller, Chairman

Executive Board

Dr. Klaus Engel, Chairman

Dr. Ralph Sven Kaufmann

Christian Kullmann

Thomas Wessel

Ute Wolf

Registered office Essen

Registered court

Essen local court

Commercial registry B 19474

VAT ID no. DE 811160003



High quality digital print on tiles to give the appearance of wood

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms. Evonik is active in over 100 countries around the world. In fiscal 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 billion.

Evonik Industries has been producing specialty chemical products in the Greater China region (Mainland China, Hong Kong and Taiwan) since the late 1970's; with wide-ranging trading relations already in place prior to this in the region. Evonik regards Greater China as one of the driving forces of the global economy and we consequently endeavor to grow our business in the region. The company now has around 3,000 employees in the Greater China region, the regional sales reached over €1.3 billion in 2015.

Disclaimer

In so far as forecasts or expectations are expressed in this press release or where our statements concern the future, these forecasts, expectations or statements may involve known or unknown risks and uncertainties. Actual results or developments may vary, depending on changes in the operating environment. Neither Evonik Industries AG nor its group companies assume an obligation to update the forecasts, expectations or statements contained in this release.