

# SOLSPERSE™ HYPERDISPERSANTS FOR DIGITAL INKS

ENHANCED COLOUR AND UNIFORMITY IN INKJET APPLICATIONS

## **Solsperse™ J-Series Hyperdispersants**

Digital printing is a diverse, growing industry, and Solsperse hyperdispersants are uniquely suited for this ever-changing sector. Solsperse hyperdispersants are known for creating high-powered, high-impact results by improving flow characteristics and reducing millbase viscosity. This portfolio of advanced technologies delivers exceptional results across a spectrum of UV-cured and solvent-based printing applications, and are suitable for a wide range of high-performance inkjet pigments. The Solsperse™ J-Series hyperdispersants have been specifically developed to provide optimum performance for these more challenging pigments.

## **Superior colour and viscosity control**

Richer, more vibrant colours are possible with Solsperse hyperdispersants because each reduces millbase viscosity while optimising particle and pigment distribution during the milling process. These hyperdispersants provide stable, consistent, nano particle size and uniform distribution, resulting in greater colour strength as well as efficient use of material. Equally important, all Solsperse hyperdispersants deliver flocculation resistance and improved ink filtration for production ease.

## **Digital pigment specialisation and expertise**

One of the reasons the Solsperse hyperdispersants brand has earned a high reputation in digital printing stems from its expansive pigment compatibility. The digital industry offers a range of advanced formulations tailored to an array of organic and inorganic colourants, including those traditionally difficult to disperse and stabilise.

## **WHAT WE ADD MAKES THE DIFFERENCE.™**

- OUTSTANDING COLOUR STRENGTH
- BROAD PIGMENT COMPATIBILITY
- REDUCES AND CONTROLS VISCOSITY TO MEET TYPICAL INKJET SPECIFICATIONS
- STABLE, UNIFORM PARTICLE SIZE AND DISTRIBUTION
- EXTENSIVE RANGE— PRODUCTS SUITABLE FOR UV-CURED, AQUEOUS, TRADITIONAL SOLVENT AND ECO SOLVENT SYSTEMS



## SOLSPERSE™ HYPERDISPERSANT SELECTION - SOLVENT & UV-CURED INKJET

	PY120	PY139	PY150	PY151	PY155	PR122	PV19	MCM	PB15-3	PB15-4	PBI7
<b>UV Cured</b>											
Solsperse™ 32000							●	●	●*	●*	●
Solsperse™ 33000		●**	●**						●*	●*	●
Solsperse™ 35000	●**	●**	●**			●			●*	●*	●
Solsperse™ 39000							●	●	●*	●*	●
Solsperse™ J100	●**	●**		●**	●**	●	●	●	●*	●	●
Solsperse™ J180	●**			●**	●**						
Solsperse™ J200		●**	●**			●			●*	●*	●
<b>Solvent/eco solvent</b>											
Solsperse™ 32000							●	●	●*	●*	●
Solsperse™ 33000		●**	●**						●*	●*	●
Solsperse™ 35000	●**	●**	●**			●			●*	●*	●
Solsperse™ 39000							●	●	●*	●*	●
Solsperse™ 76400	●**	●**		●**	●**	●	●	●	●*	●	●
Solsperse™ J180	●**			●**	●**						
Solsperse™ J200		●**	●**			●			●*	●*	●

- First recommendation
  - Recommended for test
  - \* In combination with Solsperse™ 5000S synergist
  - \*\* In combination with Solsperse™ 22000 synergist
- MCM Mixed Crystal Magenta



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