



RHEOCARB™ J 40

Highly Specialized Rheology Modifier for InkJet Coating Colors

RHEOCARB™ J 40 is a non-ionic, highly specialized rheology modifier for InkJet Coating Colors. It is specifically designed to improve water retention while maintaining an optimized state of dispersion.

RHEOCARB™ J 40 can be utilized to ease the mix of InkJet Coating Colors, thus shortening the transition between paper types and reducing circuit washing times & wastewater generation – leading to significant costs savings.

RHEOCARB™ J 40 benefits:

- Achieve significant cost savings during the manufacturing transition of different paper types
- Improved water retention
- Improved coating runnability at maximum solids
- Enhanced paper printability

• TYPICAL ANALYSIS

Nature: Alcoxylated water soluble polymer

Appearance (20°C): Colorless to yellow liquid

Solids content (%): 25

pH (20°C): 6

Specific gravity (20°C): 1.04

Compatibility: Soluble in water

• ADVANTAGES

RHEOCARB™ J 40 is:

- Compatible with all types of pigments and fillers
- Versatile: can also be used alone or in combination with **TOPSPERSE™ JX A** for InkJet applications
- Flexible: can be introduced before OR after the ionic additives

RHEOCARB™ J 40 provides:

- Improved water retention
- Improved coating runnability at maximum solids
- Enhanced paper printability
- Ability to achieve significant cost reduction

• APPLICATIONS

RHEOCARB™ J 40 is a ready to use non-ionic rheology modifier that provides **optimized water retention** without flocculating the pigment and without increasing viscosity. **RHEOCARB™ J 40** is:

- Compatible with various pigments & fillers used in InkJet coating applications
- Designed for InkJet coating colors that include cationic or anionic additives.

The typical dosage should be selected in the range of 1%.

RHEOCARB™ J 40 can be used alone or in combination with other solutions designed specifically for InkJet applications within the Coatex line (**TOPSPERSE™ JX A**).

• STORAGE

RHEOCARB™ J 40 should be protected from the effects of weathering and stored between 5 and 40°C.

Once opened, packaging should be resealed immediately after use.

In these conditions, products should be used within 6 months after delivery.

• STANDARD PACKAGING

- Container 2' 1 000 L
- Bulk

• HEALTH & ENVIRONMENTAL DATA

- For safe handling please refer to the Safety Data Sheet.
- For more information about food contact applications, please contact Coatex.

Website: www.coatex.com

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