

Carboset® GA 7418

Acrylic co-polymer emulsion

Carboset® GA 7418 is a styrene acrylic copolymer emulsion that combines high gloss and water resistance with excellent application rheology. When properly formulated, Carboset GA 7418 resin exhibits excellent adhesion to a variety of substrates including flexible films and other nonporous materials. Overprint varnishes and inks formulated from Carboset GA 7418 resin exhibit fast dry, early water-resistance and high gloss. Carboset GA 7418 can also be used in high vacuum metallization application.

FEATURES AND BENEFITS

- Adhesion
- Glossy
- Mechanical Stability
- Vacuum Metallization

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	42 - 44
Appearance	Translucent emulsion
Brookfield Viscosity (cps)	200 - 1000
Density (lb/gal @ 25 °C)	8.6
pH Value	8.0 - 9.0

REGULATORY

- Formaldehyde-Free¹
- Low VOC⁴

¹Not intentionally added to the composition of this product

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Analog Printing Inks

AVAILABLE REGIONS

- Asia Pacific

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 360 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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