

Doresco® SA24-1

Solvent borne thermoplastic acrylic resin

Doresco SA24-1 is a thermoplastic styrene acrylic resin with a high glass transition temperature. It is suited to hot stamp foil applications due to the ease of which it embosses and fractures. It is a thermoplastic styrene acrylic polymer solution with a high Tg that produces a film readily accepting vacuum metallization. Durability, color retention and other desirable film properties of acrylics are inherent in this polymer. The monomers selected to produce this resin were designed to create compatibility with nitrocellulose so that formulating an end product to achieve tougher films with less surface mar becomes possible. Doresco® SA 24-1 is a foil lacquer acrylic resin which performs well in the manufacture of holographic foils. It can provide the appropriate heat resistance while still being able to perform the necessary embossing functions at lower temperatures. This product stamps clearly, has good heat resistance, accepts vacuum metallization and is compatible with nitrocellulose, parlon and other film formers.

FEATURES AND BENEFITS

- Durable

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	45
Brookfield Viscosity (cps)	5000
Density (lb/gal @ 25 °C)	8.1
Solvent	Toluene
Tg (°C)	131

APPLICATIONS

- Packaging Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 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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