



TECHNICAL DATA SHEET

Roskydal E 70

An unsaturated polyester [66-4070]

General description:

Roskydal E 70 is a highly flexible, unsaturated polyester resin containing paraffin-wax, which is used as a flexibilizing resin for wax-free polyester, UV-curing styrene systems. The addition of Roskydal E 70 improves the polishability and sandability of films and improves the adhesion to medium density fiberboard, metal car body components and some plastics.

Technical features:

1. Highly effective flexibilizer
2. Excellent adhesion promoter

Suggested uses:

1. Flexibilizing resin for: wax-free polyesters, UV-curing styrene systems, and spray, roller and knifing fillers based on other Roskydal products

Delivery form: 65.5% non-volatile in styrene

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	65.5 ± 1.5	%	DIN EN ISO 3251
Viscosity (23°C)	950 ± 150	mPa s	DIN EN ISO 3219/A
Acid value (as such)	11.5 ± 3	mg KOH/g	DIN EN ISO 2114
Iodine color value	3 maximum		DIN EN 1557

* SDM: Nuplex Resins methods of determination (available on request)

Density, at 20°C: 9.33 lbs./gal
Flash point: 34°C
Non-volatiles, by vol.: 57.2%

On DSL Inventory

Application: Even in a ratio of 6:4 clear or pigmented combinations of Roskydal 500A (66-4500) and Roskydal E 700 have excellent scratch resistance and gloss.

Stability: when stored in originally sealed containers at temperatures not exceeding 73°F, the product will remain stable for 6 months.

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All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.