

## TYPE

Unsaturated polyester resin of medium reactivity which yields flexible polymers

## USES

As a flexibilizing resin for wax-free polyesters and amine-accelerated resins used in the formulation of knifing and spray fillers.

## FORM SUPPLIED

Approx. 65 % in styrene

## SPECIFICATION

<b>Non-volatile content (1 g, 1 h, 125 °C):</b>	65 ± 1 %
DIN EN ISO 3251	
<b>Viscosity (23 °C):</b>	600 ± 100 mPa·s
DIN EN ISO 3219/A.3	
<b>Acid value, supply form:</b>	11.5 ± 3.5 mg KOH/g
DIN EN ISO 2114	
<b>Hazen colour value:</b>	≤ 150
DIN EN 1557	

## OTHER DATA\*

<b>Density (20 °C):</b>	approx. 1.11 g/cm <sup>3</sup>
DIN EN ISO 2811-2	
<b>Flash point:</b>	approx. 32 °C
DIN EN ISO 1523	

\* These values provide general information and are not part of the product specification.

## PROPERTIES / APPLICATIONS

ROSKYDAL E 65 is used as the flexibilizing component for ROSKYDAL 620 (maximum ratio 7 : 3) in the formulation of knifing and spray fillers. The greater the amount of ROSKYDAL E 65 added, the more flexible and easier to sand the resulting fillers. They also dry more slowly, thus have a longer pot life and lower internal tension when curing. Although ROSKYDAL E 65 is not intended for use as the sole binder, it can be used as such to formulate highly flexible knifing and spray fillers with good sanding properties which can be cured overnight with a cobalt/hydroperoxide system. ROSKYDAL E 65 is also used in primers for wood and furniture coating systems.

### Formulation

For information on formulation, please see the product information sheets for the other ROSKYDAL grades with which ROSKYDAL E 65 can be combined.

## SOLUBILITY / THINNABILITY

Aliphatic hydrocarbons	insoluble
Esters	soluble
Ketones	soluble
Styrene	partly soluble
Toluene, Xylene	partly soluble

## COMPATIBILITY

ROSKYDAL 620	compatible
ROSKYDAL K 14 M	compatible
ROSKYDAL K 27/1	compatible
ROSKYDAL K 30	compatible
ROSKYDAL K 36	compatible
ROSKYDAL K 40 T	compatible
ROSKYDAL K 45	compatible
ROSKYDAL K 60	compatible
ROSKYDAL K 65	compatible
ROSKYDAL K 68	compatible

## STORAGE

When stored in its sealed containers at a temperature not exceeding 23 °C, the product will remain stable for at least 180 days.

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## LABELING AND REACH APPLICATIONS

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.