

## TYPE

Highly reactive, unsaturated polyester resin (wax-free) which cures to hard films

## USES

Binder for highly filled primer surfacers, e.g. knifing and spray fillers for automotive refinishing.

## FORM SUPPLIED

Approx. 69 % in styrene

## SPECIFICATION

|   |                 |
|---|-----------------|
| <b>Non-volatile content (1 g, 1 h, 125 °C):</b> | 69 ± 1 %        |
| DIN EN ISO 3251                                 |                 |
| <b>Viscosity (23 °C):</b>                       | 850 ± 100 mPa·s |
| DIN EN ISO 3219/A.3                             |                 |
| <b>Acid value, supply form:</b>                 | 16 ± 4 mg KOH/g |
| DIN EN ISO 2114                                 |                 |
| <b>Hazen colour value:</b>                      | ≤ 100           |
| DIN EN 1557                                     |                 |

## OTHER DATA\*

|                         |                                |
|-------------------------|--------------------------------|
| <b>Density (20 °C):</b> | approx. 1.13 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

Spray and knifing fillers based on ROSKYDAL 620 are cured with cobalt/hydroperoxide. The cobalt not only splits the peroxide into free radicals but also promotes surface drying. The usual addition of cobalt metal is 0.04 - 0.08 %, calculated on the ROSKYDAL supply form. The addition of ROSKYDAL E 65 makes the fillers more flexible and improves sandability.

ROSKYDAL E 65 should make up no more than 70 % of the total binder content in order to produce a dry and well-levelled surface. Spray fillers based on ROSKYDAL 620 are particularly suitable for use in automotive refinishing because they can be applied in thick layers, thus reducing the amount of work involved. ROSKYDAL 620 is also used as a filler for wood and furniture finishing.

When formulating knifing and spray fillers in conventional mixing and dispersion equipment, up to 250 % pigments and extenders are added to the resin in its supply form. Suitable extenders include talc, dolomite/calcite and non-ferrous barytes, with talc as the main component because it improves the adhesion of the filler to the substrate.

## STORAGE

When stored in its sealed containers at a temperature not exceeding 23 °C, the product will remain stable for at least 365 days.

## SOLUBILITY / THINNABILITY

|                        |                |
|------------------------|----------------|
| Alcohols               | partly soluble |
| Aliphatic hydrocarbons | insoluble      |
| Esters                 | soluble        |
| Ketones                | soluble        |
| Toluene, Xylene        | insoluble      |

## COMPATIBILITY

|                 |            |
|-----------------|------------|
| ROSKYDAL E 65   | 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 |

## LABELING AND REACH APPLICATION

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.