

Technical Information

Article-No.: 17060-113

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FOLCO[®] SOL K-RSD 5052

General information

Type of product:	Dispersion of PVC-powder in plasticizer.
Field of Application:	For coating papers, especially wallpapers and nonwovens in rotary screen printing. It is possible to print the coats of PVC-Plastisols on top of each other several times.
Properties:	Compact plastisol for transparent coatings with mat surfaces. Only suitable for use with rough screens and flitter.

Characteristics

Viscosity (day of filling):	2.500-3.300 mPa.s (HAAKE VT 550, cylinder SV, 28/s, product-temperature: 20°C)
Density, 20°C:	1,19 ±0,02 g/cm ³

Further properties

Kind of plasticizer:	DINP
Colour:	Transparent

Application Technology Advice

Processing viscosity:	Viscosity of approx. 1.500 mPas can be adjusted by adding 3% of isoparaffine, free from aromatic compounds, boiling range 175°C-225°C
Colouring:	Possible with FOLCO [®] LOR FEP - toning pastes.
Technical requirements:	The product can be used in rotary screen printing method with screens between 30 effect screens.
Processing speed	40 - 100 m/min
Processing temperature:	15°C – 30°C
Drying / foaming / gelling:	The gelling temperature should be between 195°C and 215°C depending on the length of the channel and the speed.

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Additional advices

Storage:	In order to avoid a strong rise of viscosity the storage temperature must be between 5°C and 30°C. After storage up to 3 months the plastisol is processable without any problems.
Certificates, etc.:	Corresponds to the RAL requirements.

This data sheet replaces all former technical information.

Last change: 28.07.2015

The characteristic values required for the product to be released are checked by our quality control department at the time of production; these values may change in line with storage conditions and periods and may be higher or lower than the specified limit values.

The advice we provide on the application of our products is based on extensive development work and many years of experience and is given to the best of our knowledge. However, the wide variety of requirements on site under the most diverse conditions mean that it is necessary for the processor to test the product for its suitability in any given case. We reserve the right to make changes in keeping with technical developments or improvements to our products. The agreed product characteristics are exclusively as set out in this technical information sheet. Any further agreements on product characteristics must be made in writing to be valid. This applies in particular with regard to the product's suitability for a specific purpose.