

# Makrovil SE 2451

- ◆ Soft emulsion polymer based on styrene and acrylates

## Fields of Application: Paper Finishing

- ◆ Cobinder for the impregnation of decorative paper

## Characteristics:

- ◆ excellent penetration
- ◆ excellent flexibility
- ◆ neutralized with sodium hydroxide

<b>Appearance</b>	:	white to pale brownish emulsion	
<b>Solid Contents*</b> (DIN EN ISO 3251)	:	47 – 49 %	
<b>Viscosity *</b> at 25°C (DIN 53019-1) (Haake Rotovisco RV 20; MS: MV-DIN)	:	300 – 600 mPa·s	
<b>pH Value *</b> (DIN ISO 976)	:	8.0 – 8.8	I
<b>MFFT</b> (DIN ISO 2115)	:	appr. 0°C	
<b>Glass Temperature (DSC)</b> (DIN 51007)	:	appr. + 12°C	
<b>Acid Value</b>	:	appr. 52 mg KOH/g solid	
<b>Ionicity</b>	:	anionic	
<b>Freeze/Thaw Stability</b>	:	stable	
			2010-08-18
* Specification values listed in our certificate of analysis			

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