

Joncryl[®] HPB 1634

General	a glycol ether free acrylic copolymer emulsion for use in water-based low COBB and low MVTR barrier coatings for fatty food compliant paper and board applications
Key features & benefits	<ul style="list-style-type: none"> ■ low VOC ■ glycol ether free ■ low MVTR ■ low COBB ■ good water resistance
Chemical nature	a styrene acrylic emulsion

Properties

Appearance	semi-translucent emulsion	
Typical characteristics <i>(should not be interpreted as specifications)</i>	non-volatile	39.5 %
	molecular weight (wt. av.)	> 200,000
	Brookfield viscosity at 25 °C	200 mPa.s
	pH (25 °C)	8.0
	acid value (on solids)	50 mg KOH/g
	density at 25 °C	1.02 g/cm ³
	minimum film-forming temperature	< 5 °C
	glass transition temperature Tg (DSC)	5 °C
	freeze/thaw-stable	no

Application

Joncryl[®] HPB 1634 is a film-forming emulsion that is glycol ether free and low VOC. It provides low MVTR and low COBB when a closed coating can be formed on paper surfaces.

It can be formulated with co-binders and additives, but please note that all additions can have a strong effect on the obtained MVTR/COBB values.

Stirr before use.

For further detailed application information please contact our Technical Support Department.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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