

Joncryl[®] HSL 703

General	acrylic colloidal emulsion for heat-seal coatings for OPP and BOPP packaging films
Key features & benefits	<div>excellent seal strength</div> <div>good blocking resistance</div> <div>low CoF</div> <div>excellent clarity</div> <div>aroma barrier</div>
Chemical nature	acrylic colloidal emulsion

Properties

Appearance	opaque emulsion	
Typical characteristics <i>(should not be interpreted as specifications)</i>	non-volatile	25 %
	Brookfield viscosity at 25 °C	<100 mPa.s
	pH	9.5
	glass transition temperature T _g (DSC)	55 °C
	acid value	30
	minimum film-forming temperature	20 °C
	density at 25 °C	1.06 g/cm ³

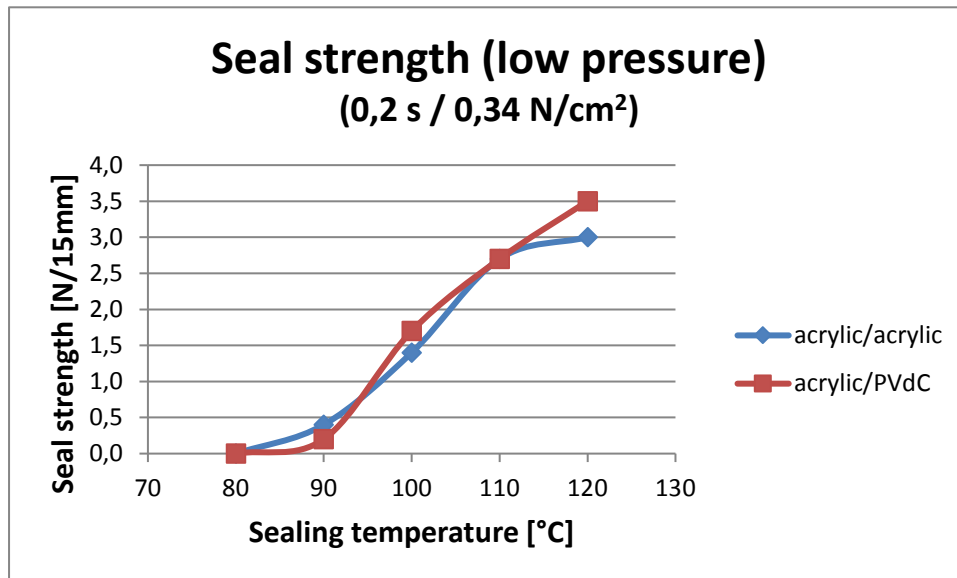
Application

Joncryl[®] HSL 703 is developed to formulate heat-seal coatings for OPP and BOPP films used in packaging of confectionery, bakery and tobacco goods.

Joncryl[®] HSL 703 based lacquer should be applied on primed film to obtain good heat-seal strength.

Coated film provides following properties:

- broad seal temperature range
- seal structures: acrylic/acrylic and acrylic/PVdC
- low CoF (formulated with wax and silica)
- good blocking resistance (formulated with wax and silica)
- excellent clarity
- receptive to water-based and solvent-based inks
- good seal strength at low pressure:



Joncryl® HSL 703 TDS EN (11-2019)

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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