

Joncryl® HPB 1702

Product Description

Joncryl HPB 1702 is an acrylic emulsion designed to provide grease resistance when applied to paper and board packaging.

Key Features & Benefits

- **Excellent grease resistance at room temperature and up to 60 °C**
- **Excellent flexibility provides grease resistance after coated substrate is creased or folded**
- **Good block resistance**
- **Heat sealable**

Chemical Composition

Acrylic emulsion

Properties

Typical Characteristics

Appearance		opaque emulsion
Non-volatile	%	49.0
pH		7.7
Viscosity at 25°C (Brookfield #2 LV spindle, 30 rpm)		125 cps
Density at 25°C	g/cm ³	1.04
MFFT	°C	<5
Freeze-thaw stable		No

* These typical values should not be interpreted as specifications.

Applications

Joncryl HPB 1702 is a film forming binder designed to be printed on paper and paperboard to provide a highly grease resistant coating. Optimal performance is achieved when barrier coatings are applied in two layers to ensure a continuous coating layer.

Joncryl HPB 1702 is recommended for applications such as:

- Boxes, trays and other food packaging and food service items

Starting Point Formulation

The following starting point formulation is recommended for initial evaluations of Joncryl® HPB 1702. Further optimization of the formulations will be required to achieve desired results for specific applications.

Component	Wt.%
Joncryl® HPB 1702	79.9%
Joncryl® DFC 3025	15.0%
Joncryl® Wax 28	5.0%
FoamStar® SI 2240	0.1%
Water	As needed for application viscosity
Target dry coating weight: 5-7 gsm	

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Joncryl HPB 1702.

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