

Printing & Packaging Industrial Coatings Functional Packaging Coatings

Technical Data Sheet



Joncryl® Wax 26

Product Description	Joncryl® Wax 26 is a small particle size, polyethylene wax emulsion for printing ink, overprint varnish, industrial coating, and functional packaging coating applications.
Key Features & Benefits	<ul style="list-style-type: none">- Excellent rub characteristics- High melting point- Promotes high gloss in ink and OPV formulations
Chemical Composition	Polyethylene wax emulsion

Properties

Typical Properties	Appearance	translucent emulsion
	Non-volatile at 125°C (2g, 50 min)	~ 26.0%
	pH at 25°C	~ 10.2
	Non-volatile	~ 25%
	Viscosity at 25°C (Brookfield #2 LVF spindle, 30 rpm)	~ 10 cps
	Average Particle Size	~ 0.05 µm
	Density at 25°C	0.99 g/cm³
	Melting Point	130°C
	Freeze-thaw stable	No
	Total VOC	~ 3.3% wt

These typical values should not be interpreted as specifications.

Applications

Joncryl® Wax 26 is a 26% solid, small particle size, polyethylene wax emulsion that improves the rub resistance of water-based inks and coatings with no significant loss of gloss. The fine particle size of this product makes it ideal for high gloss overprint varnish and gravure applications.

Joncryl® Wax 26 is recommended for applications such as:

- Printing inks for flexographic or gravure applications
- Overprint varnishes for commercial, publication, or packaging applications
- Functional packaging coatings for barrier applications
- Interior/exterior wood coatings for flooring, furniture, or millwork applications
- Interior/exterior concrete coating applications

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® Wax 26.

Important

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