BASF
The Chemical Company

JONCRYL® WAX 35

a hard fine particle size polyethylene wax emulsion

Key features and benefits

- maintains gloss
- decreases the coefficient of friction
- enhanced rub- and scratch resistance
- high melting point

General information

Typical physical characteristics (not to be considered specifications)

appearance	clear solution
non-volatile	34.5%
viscosity at 25 °C (77 °F) (Brookfield)	25 mPa.s
pH	9.8
density at 25 °C (77 °F)	0.99 g/cm^3
average particle size	<1 micron
softening point	130 °C (266 °F)
freeze/thaw-stable	no

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Applications

The addition of JONCRYL® WAX 35 will significantly improve the rub- and scratch resistance, without affecting the gloss while the coefficient of friction (COF), static as well as dynamic, will be reduced. The high melting point ensures also its effectiveness for those applications, where hot mar resistance is required.

It is advisable to dilute the JONCRYL® WAX 35 with water prior to its addition to inks or lacquers, to avoid shock.

Safety

When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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