

Joncryl[®] 8130 ap

General

Joncryl[®] 8130 ap is a new developed self-crosslinking acrylic dispersion with higher performance especially in superior chemical resistance and dry film clarity, which is recommended for general furniture application.

Key features & benefits

- Excellent chemical resistance especially in stain resistance
- Superior dry film clarity and wood grain enhancement for clear coat
- Good scratch resistance, hardness, block resistance for high durability
- APEO free, eco-friendly, low odor dispersion
- Local supply, performance in use

Chemical nature

self-crosslinking acrylic dispersion

Properties

Appearance

semi-translucent milky liquid

Typical characteristics

(should not be interpreted as specifications)

Solid by weight	41%
Viscosity (25°C, Brookfield LV 1#, 60rpm)	40 mPa·s
Special gravity	1.04 g/mL
MFFT	30°C
pH value	8.0
freeze/thaw stability (-5°C)	Stable

Application

Joncryl[®] 8130 ap is the first 1K self-crosslinking acrylic dispersion with local development and supply. It is APEO free and low in odor. It shows excellent stain resistance, good scratch resistance, hardness and block resistance. It also offers better protection and makes the film more long-lasting. With its good dry film clarity and grain enhancement, Joncryl[®] 8130 ap is recommended for general water-based wood coatings.

Formulation guideline

Due to the MFFT, it is recommended to add common coalescent, such as DPnB, DPM, BDG, etc. The typical addition level should be 5-7 % based on dispersion supply form.

Storage

This product should be stored in tightly sealed original package at temperatures above 0°C. This product must be protected from frost for a long time.

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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BASF Advanced Chemical Co., Ltd.
No. 333 Jiang Xin Sha Rd, Pudong, Shanghai, China