

Joncryl[®] PRO 1522 CN

General

Joncryl[®] PRO 1522 CN is a modified acrylic dispersion for high gloss corrosion-resistant coatings.

Key features & benefits

good corrosion protection and outperforming commercial DTM paints
high gloss (>80GU @60°)
low VOC possible (<150 g/L)
good early water resistance
good exterior durability
suitable for rush, roller, spray & dip application

Chemical nature

modified acrylic dispersion

Properties

Appearance

Milky white liquid

Typical characteristics

(should not be interpreted as specifications)

solid content by weight (150°C)	44% ~ 46%
viscosity (23°C, Brookfield RVT sp3 spindle, 20 rpm)	150 ~ 950 mPa·s
special gravity	1.054 g/ml
MFFT (ISO 2115)	26°C
pH value	8.5 ~ 9.5
freeze-thaw stability (-5 °C)	Stable

Application

Joncryl[®] PRO 1522 CN is an acrylic dispersion for direct-to-metal (DTM) applications. It has excellent corrosion resistance without the use of anti-corrosive pigments as determined by salt spray resistance (ASTM B-117). This dispersion offers exterior durability, is compatible with anti-corrosive pigments, and can be formulated between 100~250 g/L VOC level. Joncryl[®] PRO 1522 CN is recommended for applications such as:

- Interior/exterior general metal industrial coating applications
- OEM industrial DTM applications that require high gloss (>80 GU@60°) and 25~40 microns dry film thickness.

Formulation guideline

Recommend using coalescent, such as DPnB, PnB, Texanol, etc. to improve the film forming. The total dosage is about 7% ~ 11% based on the dispersion supply form.

Storage

The product should be kept more than 0 °C with sealed package. Must prevent from frost in a long term.

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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