Technical Data Sheet

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Actulor® 708

Version: 1

Performance Overview

- Actulor® 708 is a general-purpose acrylic resin designed to be used in water-based overprint inks, and to produce water-based pigment dispersions.

Product Features

- Wide adaptability
- Good pigment dispersion and color strength
- High gloss and hardness

Physical Property

Product Technical Specifications

Appearance (25℃)	Transparent, strip solid
Non-volatile (%)	99.5
Formula weight	8000
Acid value (mg KOH/g)	220
Tg（℃）	95
Softening point （℃）	155

Application

- Pigment grinding
- Protective colloid for emulsion polymerization
- Waterborne ink and varnish

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Use Method

- Recommended dosage: Maintain temperature at 60–75°C and pH at 8.5–9.0

Fast-drying resin		Slow-drying resin		Blue color paste		Black color paste	
Materials	%	Materials	%	Materials	%	Materials	%
This product	30~32	This product	28~30	Pigment	30	Pigment	35
Ammonia	7~8	MEA	7.5~8.5	This product	34	This product	29
MEA	2~3	Propanediol	3	Dispersant	3	Dispersant	4
Ethanol	5	Water	58.5~61.5	Defoamer	0.5	Defoamer	0.5
Water	50~52	/	/	Water	32.5	Water	31.5

- The best dosage needs to be determined by a series of experiments

Packaging & Storage

- 25kg、200kg /Bag
- Shelf life : 12 months from the date of production

Service Restrictions

- This product has not been tested nor has it been specifically stated that it is suitable for medical or pharmaceutical use. It may not be used for human injection or consumption

Limited Warranty Information - Please read carefully

- The content of this product data sheet is based on the products owned by my company, and is provided for reference only
- Due to the numerous formulations, production, and application conditions, customers should pre-test the adaptability of my company's products before using them to determine their performance, efficiency, and safety
- The suggestions we provide shall not be considered as a cause of any patent infringement. The sole responsibility of our company is to refund the money or exchange it for a product with same value
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