

1688A

Acrylic-Styrene Copolymer Emulsion

Product Description

1688A is a semi-transparent acrylic-styrene copolymer emulsion. The product is uniquely positioned and optimized for transparent waterproof coatings and liquid adhesive applications.

Product Features

- High solid content with low shrinkage.
- Excellent clarity/transparency and superior water resistance.

Physical Properties\*

| Properties                        | Value                               | Unit | Test Method                      |
|-----------------------------------|-------------------------------------|------|----------------------------------|
| Appearance                        | Milky white with a slight blue tint | —    | Visual                           |
| Solid Content                     | 40 ± 1                              | wt%  | GB/T 20623-2006                  |
| pH                                | 2.0 - 4.0                           | —    | GB/T 20623-2006                  |
| Viscosity                         | 20 - 300                            | CPS  | Brookfield DV-S, 2#, 30rpm, 25°C |
| Glass Transition Temperature (TG) | 23                                  | °C   | —                                |

*Note: \*The properties listed above represent typical results only and should not be construed as product specifications. Please refer to the specific Certificate of Analysis (COA) for official specifications.*

## Storage

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Please store this product in a cool, dry place away from direct sunlight. The storage temperature should be maintained between 5°C and 35°C. Keep the original packaging completely intact.

The shelf life of this product is six months from the date of manufacture. If the product exceeds its shelf life, a performance evaluation is highly recommended before use. Once the packaging is opened, it is recommended to filter the emulsion properly before application and consume it as quickly as possible.

## Disclaimer

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Shandong Sanjia Polymer Material Co., Ltd. strongly recommends that customers handle and use this product safely and rationally in accordance with the detailed information provided in the Material Safety Data Sheet (MSDS). While we believe the recommendations and data contained herein are true and reliable, the contents of this Technical Data Sheet are provided for reference purposes only. We offer no warranties, whether express or implied, regarding product characteristics, applications, quality, safety, product specifications, merchantability, or fitness for a particular purpose.

**Shandong Sanjia Polymer Material Co., Ltd.**