

Special cationic acrylic emulsion

S-507

Overview:

S-507 is a self-crosslinking cationic special acrylic emulsion, designed for fabric waterproof treatment or fluorine supplementation. This product offers a moderate hand feel while maintaining excellent durability.

Characteristics:

- * Compatible with cationic and/or nonionic hydrophobic finishing agents and fluorescent emulsions
- * Forms a flexible and elastic product with high water resistance after drying
- * Used for fabric waterproof finishing or fluorine replenishment agent

Physical property parameters:

Detection indicators	Testing standards	Technical indicators
Appearance	Judging by appearance	White emulsion
Ion type	---	Cation
Solid content (%)	ISO325	29 ± 1
Viscosity (cps)	---	<200
PH	ISO976	3-5
Glass transition temperature / Tg (°C)	DIN53765	-10

The above values are based on the physical properties measured in multiple laboratory tests and are not regarded as the shipping standards for the factory-produced products.

Recommendation for use:

- * It can be applied by filling or spraying.
- * By drying and curing the fabric to a minimum temperature of 275°F, the best durability can be achieved.

* S-507 must not be mixed with any anionic additives to avoid polymer emulsion flocculation.

* Caution must also be exercised during operation and wastewater treatment to prevent S-507 from coming into contact with any anionic materials or strong bases, such as sodium hydroxide, to avoid potential blockages in pipes and drainage systems.

* For more details, please contact our business manager at our company.

Storage and Packaging:

* The original barrel is sealed. It is recommended to store it in a dark place in a cool and dry area at a temperature range of 5 - 35°C.

* This emulsion contains preservatives, which can prevent microbial invasion during transportation. To prevent microbial growth during storage, strict environmental hygiene in the factory should be maintained. In some special cases, appropriate preservatives should be added. Ensure that the storage container is originally sealed. During the processing, storage, and transportation of this product, it should not come into contact with uncoated metal (and non-ferrous metals).

* This product is not a hazardous chemical. It is transported in accordance with the regulations for non-hazardous chemical products in environmental protection and chemical industry.

* From the manufacturing date, the sealed storage validity period of this product is 12 months. If it has exceeded the expiration date, please retest before use.

* Packaging: 1000kg per barrel (IBC packaging)