



Eco-Friendly



Non-Toxic

ACRYLIC EMULSION

SINOGRACE

The Chemical Company

TEXTILE COATING AGENT

S-500 Blocked water crosslinking agent

DESCRIPTION

S-500 is kind of enclosed type isocyanate waterborne crosslinking agent curing agent, Solid color printing coating cross-linking agent.

TYPE

Enclosed type isocyanate

KEY FEATURES

- Anionic low-temperature deblocking temperature.
- Rapid crosslinking and crosslinking density is high, the
- solid color printing coating can be used as a crosslinking agent.

TYPICAL PROPERTIES

Appearance	Milky white liquid
pH	8-10
Solid content	30
Density (20 °C g/ml)	1.1
Charge	Anionic
Viscosity (25)	300cP
Closed solution temperature	110 °C or higher

APPLICATION

- As a textile coating, printing rubber coupling agent on the
- stated, improve adhesion, water resistance, abrasion resistance performance, etc

STORAGE AND HANDLING

- Available in 200 kg/ barrel or 25 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 9 months from delivery date
- According to non-dangerous goods transport

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(Polymer cement waterproof paste) Test results

No.	Test item		Technical data	Test result	Inspection result
1	Appearance		Liquid after mixing evenly, no precipitation; Powder for the uniform, no agglomerate powder	Liquid after mixing evenly, no precipitation; Powder for the uniform, no agglomerate powder	qualified
2	Dry time/h	surface drying time \leq	4	< 4	qualified
		Full Drying Time \leq		< 4	
3	Impervious pressure /MPa \geq		8	0.8	qualified
4	Flexibility Transverse deformation capability /mm \geq		0.5	/	/
5	Bond strength /MPa	No treat /% \geq	2	2.5	qualified
		wet base /% \geq	0.7	2.2	qualified
		Alkali treatment /% \geq	0.7	2.2	qualified
		Soaking treatment /% \geq	0.7	2.2	qualified
6	Bond strength /MPa \geq		12	37	qualified
7	Breaking strength /MPa \geq		4	21	qualified
8	Alkali resistance		No cracking and spalling	No cracking and spalling	qualified
9	Heat resistance		No cracking and spalling	No cracking and spalling	qualified
10	Freezing resistance		No cracking and spalling	No cracking and spalling	qualified
11	Shrinking percentage /% \leq		0.3	/	/

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