

Acrylic Polymer Based Thickener for Pigment Printing

RAN-5200



RSA Industries Pvt. Ltd.

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RAN-5200

APPLICATION

RAN-5200 is an acrylic polymer thickener for Pigment Printing.

CHEMISTRY FOR PERFORMANCE

- Improves colour value and fastness
- Gives less backside penetration as compared to the conventional printing paste thus improving yardage by 10 – 15% at similar viscosity
- Reduces flushing seen in other thickeners by a unique viscosity building up mechanism
- Reduces / eliminates the use of kerosene depending upon the need of the printer

PHYSICAL PROPERTIES

Product	Colour	pH	Dosage	Shelf Life	Pack Size
Acrylic Polymer	Creamish / Brownish	6.5 - 7	2.5- 3.0%	Six month, avoid direct sunlight and exposure to air	65 kg

PASTE RECIPE

RAN-5200 (THICKENER)	02.50%	12.50 kg
BINDER	10.00%	50.00 kg
D.M. Water	<u>87.50%</u>	<u>437.50 kg</u>
	100.00%	500.00 kg

Note: For better colour value and softer feel add RSM-100, 1% to the stock paste.



PROCEDURE FOR MAKING PASTE

1. Take 60% soft water
2. Add the require quantity of Binder
3. Under high speed stirring, slowly add RAN-5200
4. After the paste preparation, add the remaining 40% of water
5. Add pigment as per the shade

PASTE VISCOSITY

- | | | | |
|----|---|---|-------------------------|
| 1. | Binder Paste viscosity at 2.5 %
(Brookfield viscometer Model: R.V.T.)
(Spindle 4, RPM 10) | : | 11000-15000 centipoises |
| 2. | 1% DMW paste viscosity | : | 4000-8000 centipoises |

Note:

- Industrial safety practices are to be followed for its use. Further information is available in the Material Safety Data Sheet.

The literature indicates general information guidelines on our product for their use. The user should check the suitability of the product for his own use. We make no warranty of any kind expressed or implied. Industrial safety practice is to be followed. We take no responsibility and expressly disclaim liabilities for law, damage or expense rising out of or in any way connected with the handling, storage, use or disposable of the product.

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