

Disperse Printing Additive

**RAN- BUFF-99**



**RSA Industries Pvt. Ltd.**

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Ranka Bhavan, 110, Dhantoli, Nagpur – 440 012 (INDIA)  
Tel: 0091-7104-237663 / 236739 Fax: 0091-7104-236417 / 0091-712-2421729  
Email: [sales@ranchemicals.in](mailto:sales@ranchemicals.in)/ [marketing@rsaindustries.in](mailto:marketing@rsaindustries.in)  
Website: [www.ranchemicals.in](http://www.ranchemicals.in) / [www.rsaindustries.in](http://www.rsaindustries.in)



## **RAN-BUFF-99**

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### **APPLICATION**

Additive for disperse printing on polyester and its blends

### **CHEMISTRY FOR PERFORMANCE**

- Higher colour yield with better brightness
- Excellent migrating levelling
- Easier washing and softer feel
- No interference in carbonization
- Improves the overall fastness properties of dyes

### **CHEMISTRY FOR ECONOMICS**

- Eliminates the use of loop accelerator
- Eliminates the use of wetting and sequestering agent

### **PHYSICAL PROPERTIES**

Product	Colour	pH	Dosage	Pack Size
Non ionic, combination of polymers surfactant, Bio-degradable, Eco-friendly	Yellow to Brownish liquid	2 - 3	0.5 – 2.0 %	60 kg

### **Dilution Procedure for Concentrated Product**

- Take 20 Kg. RAN-BUFF-99
- Add 80 Kg. D.M. Water of 70-80 °c
- Normal Stirring

**RAN-BUFF-99** is suitable for Guar gum as well as Tamarind gum dyeing systems.

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### **GUIDE RECIPE**

<b>SR. NO.</b>	<b>PRODUCT</b>	<b>SOLIDS</b>	<b>RAN-SYSTEM</b>	<b>CONVENTIONAL SYSTEM</b>
1	Stock Paste		100 kgs	100 kgs
2	RAN-BUFF-99	20%	0.5 – 2.0 kg	X
3	Levelling Agent	40%	Nil	0.2 kg
4	Sequestering Agent	20%	Nil	0.3 kg
5	Wetting Agent	20%	0.2 kg	0.2 kg
6	Citric Acid	100%	0.5 kg	0.5 kg
7	HDNI	80%	X	1.0 kg

### **OPERATIONAL SEQUENCE**

<b>S.NO.</b>	<b>SEQUENCE</b>
1	Take the stock paste 100 kg and adjust required viscosity by water.
2	Dilute RAN-BUFF-99 20% with water in 1: 10 ratio.
3	Add required quantity of diluted 20% in above stock paste, stir well for 5 – 10 minutes.
4	Adjust the pH 4 – 4.5 by using citric acid.
5	Add pre-dissolved dyes.

Tamarind gum film is brittle. During printing on heavy quality fabrics it may crack. To avoid cracking use of 1%, PEG-400 is recommended.

Formulation for Tamarind gum system and mixed tamarind gum system remains same.

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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