

## RADHA GUM ABD

### PROPERTIS

Appearance	Creamish lemon yellow powder
Solubility	Swells in water
Stability	Stable to acid and alkalis
pH	6 -7 (1% Solution)
Shelf Life	5 Months

### APPLICATIONS

RADHA GUM ABD is an universally applicable thickener which can be applied on natural and manmade fiber fabrics. The paste can either be prepared in cold or hot water under high speed stirring or by conventional cooking. It is advisable to keep the stock paste overnight to facilitate proper swelling.

RADHA GUM ABD is specially recommended for printing Nylon with Acid and Metal complex dyestuffs as well as Polyester and blended fabrics with Disperse and Disperse mixed dyestuffs respectively. Thickening of RADHA GUM ABD can also be used for other class of dyestuffs by suitable adjusting the pH.

### RECOMMENDATIONS:

Guideline recipes

Preparation of stock paste for Acid dyestuffs:

The stock paste is prepared by slowly sprinkling RADHA GUM ABD on to cold or hot water (80° to 90°C) under stirring till a homogenous mass is obtained and then cooked for 2 to 3 hours.

RADHA GUM ABD	80 gms
Water	880 gms
After cooling add Ammonium Sulphate	30 gms
Carbolic Acid	10 – 15 gms
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	1000 gms
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Print Paste:

Acid dyestuffs	X Parts
Acetic Acid	1 Part
Thiourea	1 Part
Solvent	1 Part
Pine Oil	1 Part
Hot Water	15 Part
RADHA GUM ABD 8% stock thickening	Y Part
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	100 Parts
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Print dry, steam for 20 to 30 minutes.

Print paste for Disperse dyestuffs:

Disperse dyestuffs	X Parts
Water (25° to 30° C) (for dye pasting)	5 Parts
Hot Water (70° C)	15 Parts
RADHA GUM ABD	Y Parts
Tartaric Acid	0.5 Parts
Resist Salt LP	1.0 Parts
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	100 Parts
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Print, dry and fix by any suitable fixing process.

PACKING:

25 kegs. Polyethylene lined hessian bag.

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"This information is based on our present state of knowledge and is intended to provided general note on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any exiting industrial property rights must be observed.

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