



KUNSHI INDUSTRY COMPANY LTD.

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WATER REPELLENT KI-628A

Features:

- 1.KI-628A imparts water repellency to nearly all type of fabrics.
- 2.KI-628A is compatible with other textile finishing.
- 3.KI-628A is non-flammable.
- 4.It is one kind of environment-friendly water repellent, free of APEO.

Typical properties:

| | |
|---------------------------|---|
| Appearance: | Off white emulsion |
| Ion Characteristics: | Weak Cationic |
| pH: | 2.0~4.0 |
| Specific gravity at 25°C: | 1.1 |
| Solubility: | Readily dissolves in water |
| Shipping & storage: | Non-red Label Non-flammable Material TG-528A should be stored at the temperatures between -5°C and 30°C |

Application guide for KI-628A

A) Standard recipe

1. Pad formulations

| <u>Substrate</u> | <u>concentration</u> |
|------------------|----------------------|
| Cotton | 50-60g/L |
| Polyester/cotton | 20-30g/L |
| Polyester | 10-20g/L |
| Nylon | 20-30g/L |

2. FNA 3-10G/L

3. Catalyst 0-5g/L

4. 1 dipping and 1 nipping (wet pick up of 40-70%) are suggested.

5. Dry and cure conditions

Drying: 80-100°C for 1-2 min

Curing: 150-160°C for 0.5-1 min

Note: Keep the pH range of padding bath at 3-7 to obtain maximum water and Oil repellency. If it changes to over 8, please add some quantities of acetic acid.

Package & Storage: Packed in iron drum net 60kgs lined with plastic drum.