



KUNSHI INDUSTRY COMPANY LTD.

410, SUNWOO BLDG, SEOCHO-DONG, SEOCHO-GU, SOUTH KOREA

email : info@kicoltd.kr

WATER REPELLENT KI-410C

Features:

- 1.KI-410C is a water and oil repellent for initial water repellency.
- 2.KI-410C keeps an original touch of fabric.
- 3.KI-410C 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: 2.5~3.5

Specific gravity at 25°C: 1.04

Typical Analysis: 18.0% Solids

3.5% Dipropylene glycol monomethyl ether

0.4% Acetic acid

78.1% Water

Solubility: Readily dissolves in water

Shipping & storage: Non-red Label

TG-410C should be stored at the temperatures between 0°C and 40°C.

Application guide for TG-410C

A) Standard recipe

1. Pad formulations

<u>Substrate</u>	<u>concentration</u>
Cotton	30-50g/L
Polyester/cotton	15-25g/L
Polyester	5-10g/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.