

Atlantic Chemical Corp.

Padazoic

(section beams)

Padazoic

.

pH

가

. Padazoic

.

.

가

.

가

.

가

.

가

.

가

.

Padazoic

가

2

(tandem)

가

. 가

creel,

-

, , 가 ,

.

,

-

.

가

.

가

.

(leasing)

.

85yd/

가

15yd/

.

가

Padazoic

Padazoic

4 yd

.

Padazoic

.

Padazoic

,

,

가

,

가

.

Padazoic

.

,

2 가

.

Padazoic

,

G

가

.

.

.

가

60yd

.

.

Atlantic Chemical

Padazoic

가

.

-가 -

-가 -

. Atlantic

.

.

Atlantic

가

,

가

가

50yd/

.

Padazoic

.

가

.

,

.

Padazoic

가

.

Table

.

.

(Squeeze Roll) 가

100%

(pick up)

.

.

.

2

,

가

.

Table

Part B

Visgum

가

Visgum alginate

Visgum

alginate

. 2% Visgum 100l 2kg Atlantic Visgum A Powder

Table . Of Pad Liquor Makeup for a Typical Denim Blue Shade,
40g/l, (Metric) or 4% (English)

Metric (500 l.)		English (100 gal)
Part A: In a separate mixing container with high speed mixer		
50 l.	Tap water 50°C (120°F) not higher	10 gal
5 l.	Caustic soda solution, 38 Baume	1 gal
50 l.	Methanol (or ethanol or glycol or Cellosolve)	10 gal
20 kg	Padazoic Denim Indigo Blue G Powder added slowly until all dissolved	40 lb
Part B: In storage or feed tank having slow speed mixing; close all steam lines to keep contents cool		
300 l.	Cold tap water; stir	60 gal
25 l.	2% Visgum solution or tragacanth or alginate (for leveling)	5 gal
1 l.	Caustic soda solution, 38 Baume	1 qt
2.5 l.	Monopole oil (or 1 l. of Napon or Carbopon or Nekal or Anionic)	1 qt
1 l.	Pine oil (for penetration and defoaming)	1 pt
Add Part A		
Bulk with cold water		
500 Liters		100 Gallons

20 5 35

가

가

가 가

가

· 1, 2, 3 가 100 , 4, 5, 6

105 , 7, 8, 9 110

· () 8%

5%, 12%

· , ,

·

·

가

가

·

가

(accumulator)

가

가

Table

1%

2.5% 가 pH

pH 4.0~4.5

PH 3.5 가

Table . Typical Starch Size Formulations(pH 4.0-4.5)

Example 1:	
80-100 kg	Starch and water
10 kg	Sodium acetate
5 kg	Wax or tallow
975 l.	
	Boil up, and while stirring, add
25 l.	Acetic acid (98-99%)
1000 l.	Total volume
Example 2:	
80-100 kg	Starch (corn, potato, manioc)
5 kg	Wax or tallow
2 l.	Caustic soda solution, 38 Be
970 l.	Total volume after boil-up with stirring About 5 min before running size into size box, acidify by adding slowly
25 l.	Acetic acid(98-99%) or equivalent in weaker acetic acid
1000 l.	Total volume starch mix
Example 3:	
980 l.	CMC size solution
20 l.	Acetic acid (98-99%)
1000 l.	Total volume
Example 4:	
110 gal	Water
67 lb	Arrowroot starch
31 lb	Solvitose B4
6 lb	Tallow
2 lb	Wax
1 gal	Caustic soda solution, 38 Be
	Boil up
	Before use (after boil-up) add
3 gal	Acetic acid (85%)
120 gal	Total volume

Table 1

1% (가) 가 2.5%

() 가 .

96 ± 2 가 1/30

가

가

Navy blue

.

Padazoic

.

가

.

.

가

.

가

,

(preshrunk)

,

가

,

가

4가

가

.

Padazoic

(lubricating oil)가

.

.

가

.

가

가

Table

.

가

가

A

.

가

가

.

가

.

가

(Frame)

가

.

Table . Finishing Formulations

	Amount	Component
Example A: Permanent Press Formula		
	50 gal	Water
	150 lb	Permafresh 197 (resin)
	36 lb	Catalyst X-4
	35 lb	Polyacryl 7-F-12
	35 lb	Polyethylene emulsion (sewing aid)
	36 lb	Wicaset
	24 lb	Nonionic rewetting agent
	150 gal (used cold)	Water
Example B: Finishing Formula		
	30 lb	PVA emulsion
	25 lb	Solvitose HDF
	20 lb	Decersol OT solution
	6 lb	Nonionic (low foaming)
	6 oz	Antifoam
	12 lb	Polyethylene emulsion
	6 lb	Modified tallow
		Water
	150 gal (used cold)	
Example C: Nonresin Finishing Formula		
	10 lb	Monopole oil
	15 lb	Tallow
	5 lb	Nonidet P-40
	1/2 pt	Glycerine
		Boiling water
	120 gal (used cold)	

가

Padazoic

Navy Blue

가

1l

98%

2.5g

5.0g

(Cupric acetate)

(Cupric sulfate)

가

가

가

가

가

가

가

Atlantic

Padazoic

Padazoic Blue GP Powder, Blue AB Powder, Denim Indigo Powder, Navy Blue WS
Ex. Conc. Powder, Navy Blue 2R Powder Brilliant Indigo 3B Powder .

Indigo

Padazoic 가
 , , , ,
(scarlet), (plum), (steel blue),
(turquoise) (dark green), (brilliant green), , , ,
 .

Padazoic 가 .

Table 가 Padazoic

.

Padazoic

가

.

Padazoic

.