



Adivat ME Series

Micro Encapsulated

New Jersey Location

50 Page Road, Clifton, NJ 07012

Phone. 973.778.0122 • Fax. 973.778.1124

South Carolina Location


105 Wood Street, Greenville, SC 29611

Phone. 864.295.1170 • Fax. 864.295.5606

www.greenvillecolorants.com • Customer Service. 800.832.8985 Fax. 800.763.1001



Greenville Colorants

O.W.F.%	Dye Name	Fastness						Hypochlorite	
		Light Xenon	Washing		Perspiration		Crock		
			CH	CO	CH	CO	Dry		Wet
	3 Adivat Yellow G Vat Yellow 1	5-6	4-5	4-5	4-5	4-5	5	4-5	5
	3 Adivat Yellow GCN Vat Yellow 2	5	4-5	5	4	4-5	4-5	4-5	5
	2 Adivat Yellow 3GL Vat Yellow 33	7	5	5	5	4-5	5	5	5
	4 Adivat Red 6B Vat Red 13	7	5	5	5	5	5	5	5
	4 Adivat Scarlet R Vat Red 29	6	4-5	5	4-5	5	2-3	2	5
	1 Adivat Violet 4RBS Vat Violet 1	6	4-5	4-5	4-	5	4-5	4	4-5
	2 Adivat Blue RSN Vat Blue 4	7-8	4-5	5	4-5	5	4-5	4	2Y
	2 Adivat Blue BF Vat Blue 6	7-8	4-5	5	4-5	5	4-5	4-5	3Y
	4 Adivat Navy Blue FB Vat Blue 18	6	4-5	4-5	-	-	-	-	4
	4 Adivat Dark Blue BOA Vat Blue 20	7-8	4-5	5	4-5	5	4-5	2	4-5
	2 Adivat Dark Blue VB Vat Blue	7-8	3-4	4-5	3-4	4-5	4	2-3	2-3
	2 Adivat Br. Green FFB Vat Green 3	7-8	4-5	5	5	5	4-5	4	4-5
	4 Adivat Olive B Vat Green 3	8	4-5	5	5	5	4-5	3	4
	2 Adivat Tan 2G Vat Green 8	7-8	5	5	4	5	4	2	4
	4 Adivat Olive MW Vat Green 13	7-8	4-5	5	-	-	-	-	3

O.W.F.%	Dye Name	Fastness							Hypochlorite
		Light Xenon	Washing		Perspiration		Crock		
			CH	CO	CH	CO	Dry	Wet	
 2	Adivat Green GN Vat Green	5	3-4	4-5	4	3-4	4	3	4
 4	Adivat Brown BR Vat Brown 1	7-8	5	5	4-5	5	4-5	3-4	4-5
 4	Adivat Brown R Vat Brown 3	7-8	5	5	4	4-5	4-5	4-5	4-5
 4	Adivat Brown GG Vat Brown	6-7	3	4-5	4-5	4	3-4	2-3	-
 3	Adivat Grey M Vat Black 8	7-8	4-5	5	4-5	5	4-5	4-5	4-5
 4	Adivat Direct Black RB Vat Black 9	7-8	4-5	4-5	3-4	4-5	3-4	2	4-5
 4	Adivat Olive T Vat Black 25	7-8	4-5	5	3-4	4	4	3	4
 4	Adivat Olive R Vat Black 27	7	4-5	5	4-5	4-5	4-5	4-5	4-5
 4	Adivat Grey BG Vat Black 29	6-7	4-5	-	-	-	-	-	4-5
 4	Adivat Direct Black DB Vat Black 38	7-8	3-4	4	-	-	-	2-3	3-4
 2	Adivat Black GBO Vat Black	7	4	4-5	3-4	3-4	4-5	3-4	3-4

Procedure:

Exhaust Dyeing

Wetting with water>Dyeing>Washing with cold water>Oxidizing>Washing with cold water>Soaping>Washing with hot water>Washing with cold water>Hydro extracting>Drying

Jig Dyeing

Wetting with water>Dyeing>Washing with water>Oxidizing>Soaping>Washing with hot water>Washing with cold water>Drying



Pad-steam Processing

Pigment Padding>Drying>Reduction Liquor Padding>Steaming>Washing in cold water>Oxidizing>Washing with water>Soaping>Washing with water>Drying

Dyeing Recipes

Weight On Fiber % Amount of Dyestuff Dyeing Condition		Caustic Soda 30% ml/l	Hydrosulphite 85% g/l	Wetting Agent 10% ml/l	Alcohol 95% ml/l	Onhydrous Sodium Sulphate g/l	Reduction Temp °C	Dyeing Temp °C	
Dyeing Method	IN	> 0.3	20	4-5.5	5	5	-	60	60
		0.3-2	25	5.5-8	5	5	-		
		2-4	30	8-12	5	5	-		
	IW	> 0.3	11	3.5-5	5	5	5-10	50	45-50
		0.3-2	15	5-8	5	5	10-15		
		2-4	18	8-12	5	5	15-25		
	SRII	> 0.3	30	3-5	5	5	-	60	80
		0.3-2	37	5-8	5	5	-		
		2-4	45	6-12	5	5	-		

Pad-steaming Recipes

Dyeing Depth	Pate - Medium	Medium Decp
Caustic Soda g/l	30-40	40-53
Hydrosulphite 85% g/l	14-20	20-25
Common Salt or Anhydrous Sulphate g/l	20-30	-
Steaming Time seconds	40-60	
Steaming Temp °C	102	

Oxidizing (Both Recipes)

Method	Sodium Perborate	Hydrogen Peroxide 30%	Potassium Bichromate
Amount	2-3 g/l	2-3 ml/l	1-2 g/l
Glacial Acetic Acid	-	-	0.8-3 ml/l
pH	10-11	10-11	-
Temp (°C)	40-50	20-40	30-40
Time (minutes)	10-20	10-20	10-20

Stock Vat Recipes

Process	SVI	SVII	SVIII
Liquor Ratio	1:50	1:50	1:100
Caustic Soda ml/l	60	30	60
85% Hydrosulphite g/l	15	10	15
Reduction Temp °C	60	5	60
Reduction Time minutes	10-15	10-15	10-15

Soaping (Both Recipes)

Soap	5 g/l
Sodium Carbonate	3 g/l
Temp (°C)	98-100
Time (minutes)	10

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