



PIGMENT PASTE FOR TEXTILE



GOKUL EXIMP

(STAR EXPORT HOUSE)

AN ISO 9001:2015 CERTIFIED COMPANY

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Technical Information

Product Name	Light Fastness			Wash Fastness (95°C)	Fastness to Hypochlorite	Perspiration Fastness		Dry Cleaning / Perchloroethyl	Eco Friendly	Discharge Printing	Pigment Dyeing
	1/6 SD	1/3 SD	1/1 SD								
PIGMENT YELLOW MF-2G	4-5	4-5	6	4	4-5	5	5	1	●		●
PIGMENT YELLOW MF-G	4-5	4-5	5	4	5	5	5	2-3			●
PIGMENT YELLOW MF-GR	8	8	8	5	5	5	5	4-5	●		●
PIGMENT YELLOW MF-R	8	8	8	5	5	5	5	4-5	●	●	●
PIGMENT GOLDEN YELLOW MF-R	2-3	4-5	5	4-5	4-5	4-5	4-5	2-3			●
PIGMENT GOLDEN YELLOW MF-GF ^A	6-7	6-7	6-7	4-5	4-5	4-5	4-5	4-5	●		●
PIGMENT ORANGE MF-G	7-8	7-8	7-8	5	4	4	4	4			●
PIGMENT ORANGE MF-R	4-5	5-6	6-7	4-5	4-5	4-5	5	3-4	●		●
PIGMENT ORANGE MF-N	5	5-6	6	4-5	4	4	4	3-4		●	●
PIGMENT RED MF-R	4	5	5-6	4-5	5	5	5	2-3			●
PIGMENT RED MF-N	6-7	6-7	7	5	5	5	5	3-4	●	●	●
PIGMENT RED MF-G	5-6	6	6-7	4-5	4-5	5	5	4-5	●		●
PIGMENT RED VIOLET MF-R	6-7	7	7	4-5	5	5	5	2	●		●
PIGMENT RUBINEMF-R	6-7	7	7	5	5	5	5	5	●		●
PIGMENT PINK MF-R	8	8	8	5	5	5	5	5	●	●	●
PIGMENT BORDEAUX MF-R	6	6-7	7-8	4-5	5	5	5	2	●		●
PIGMENT BROWN MF-R	3	3-4	5	4-5	4-5	5	5	2-3			●
PIGMENT BROWN MF-ER	7-8	7-8	7-8	5	4-5	5	5	4-5	●		●
PIGMENT BLUE MF-G	6-7	7	7-8	5	5	5	5	4-5	●	●	●
PIGMENT TURQ. BLUE MF-R	7	7	7-8	5	5	5	5	4-5	●	●	●
PIGMENT NAVY BLUE MF-R	6-7	7	7-8	5	5	5	5	4-5	●	●	●
PIGMENT VIOLET MF-R	6-7	7	7-8	5	5	5	5	4-5	●	●	●
PIGMENT GREEN MF-G	7	7-8	7-8	4-5	4-5	5	5	2-3	●	●	●
PIGMENT GREEN MF-2G	7-8	7-8	7-8	4-5	4-5	5	5	4-5			●
PIGMENT OLIVE GREEN MF-R	3-4	5	5-6	4-5	4-5	4-5	4-5	2-3			●
PIGMENT BLACK MF-G	7-8	7-8	7-8	4-5	4-5	5	5	5	●	●	●
PIGMENT BLACK MF- NG	7-8	7-8	7-8	4-5	4-5	5	5	5	●	●	●
PIGMENT JET BLACK MF-NG	7-8	7-8	7-8	4-5	4-5	5	5	5	●	●	●

● Indicates applicability in particular process.



4% Shade

1% Shade

YELLOW MF - 2G



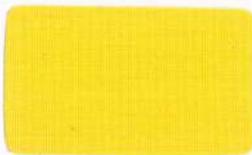
YELLOW MF - G



YELLOW MF - GR



YELLOW MF - R



GOLDEN YELLOW MF - R



GOLDEN YELLOW MF - GR



ORANGE MF - G



4% Shade

1% Shade

ORANGE MF - R



ORANGE MF - N



RED MF - R



RED MF - N



RED MF - G



RED VIOLET MF - R



RUBINE MF - R





4% Shade

1% Shade

PINK MF - R



BORDEAUX MF - R



BROWN MF - R



BROWN MF - ER



BLUE MF - G



TURQ. BLUE MF - R



NAVY BLUE MF - R



4% Shade

1% Shade

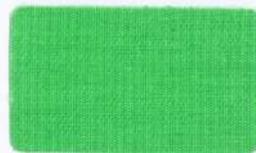
VIOLET MF - R



GREEN MF - G



GREEN MF - 2G



OLIVE GREEN MF - R



BLACK MF - G



BLACK MF NG



JET BLACK MF - NG



Welcome to GOLUL Dye Stuff

We take immense pleasure to introduce "GOLUL Dye Stuff as one of the renowned manufacturer of Water Based Pigment Emulsions for Different applications like Textile, Paints, Paper, Detergent and many more.

In a short span of time, our company has established a strong niche in the market by virtue of superior product quality and by building customer satisfaction through fairness, quick response & providing best quality and cost conscious products which is best suited to customer need.

We believe in our company philosophy of "Commitment to growth and excellence" has helped in creating values that can endure for all times and product that can stand out anywhere in the world.

General Guideline for Printing Paste Preparation (For 4 % Shade)

(A) Water based Printing System (Complete/ Partial)

Ingredients	Completely Water Based System	Partial Water Based System
Water	86.8 %	50.2 %
Kerosene/ MTO	-	33.5 %
Binder	11.0 %	11.0 %
Liquor Ammonia	1.0 %	0.5 %
Synthetic Thickner	1.2 %	0.8 %

(B) Oil Based Printing System

Ingredients	Amount
Water	8 %
Binder	11 %
Non Ionic Emulsifier	1 %
Liquor Ammonia	0.5%
Kerosene/ MTO	79.5 %

Printing Sequence

PRINT DRY CURE (150°C for 3min)

· For Oil based Printing system extra precautions for Drying & Curing process is require

Dyeing with Microns Pigment Dispersion

(A) Exhaust Method (MLR 1:10 to 1:15)

Dyeing Sequence

PRE TREATMENT CATIONISATION DYEING WASHING FIXATION

1. Pretreatment

*Treat the material with 0.2 gms/ lit anionic wetting agent at boil, Drain the bath and rinse it thoroughly

2. Cationisation

- Set the bath at room tempt with 5% cationising Agent
- Raise the tempt upto 70°C gradually
- Reduce the tempt upto 30°C, drain the bath
- 2 % acetic Acid
- Work for 10 min at this tempt

3. Dyeing

- GOLUL Pigment Dispersion – X % (Depending On Shades)
- Add the unrinsed substrate to the dyeing bath
- Reduce the dye bath tempt upto room tempt
- Levelling Agent(Non Ionic) – 1-2 %
- Raise The Tempt upto 70°C and work it for 10 min

4. Washing

Wash it properly

5. Fixation

- Set the bath with 10%-20% binder (Depending on shade)
- 0.5 % Acetic Acid
- Treat the dyed substrate into the bath at 40°C for 10-15 min.
- After fixation process material is subsequently hydroextracted, dried and cured for 5 min at 140°C

(B) CONTINUOUS METHOD

PAD DRY (100°C - 110°C for 1-2 min) CURE (180°C for 60-90 sec)

Padding Bath Solution

- Binder - 10-30%
- Bath tempt < 30°C
- Dispersing agent - 0.5 gpl
- Fixer - 10-20 %
- Ph < 6
- Levelling Agent - 1 gpl