

## **Fab Media :**

We supply Moving Bed Bio Reactor/Fluidized Aerated Bed Reactor (FAB) media for swage & industrial waste water treatment. FAB system is an advanced high rate wastewater treatment process utilizing free-floating media which houses huge quantity of active Biomass (MLSS) in it. Essentially CAB system is a hybrid reactor where attached growth and suspended growth activity takes place.

## **Features :**

- Less sensitivity to shock loading
- Clog free operation
- No channels or dead spots
- Provides high Bio – Surface Area
- Make Bio-Reactors extremely compact
- No backwash needed
- No Sludge return Systems Needed
- Longer Media Life
- Extremely easy to install
- Longer Media Life



## **Applications:**

- Increase surface area
- Industries where this product is used: Where waste water is generated.

## **Size :**

- 22mm x 13mm
- 22mm x 22mm.

Model	PP 13	PP 22
Effective Specific Surface Area Of Media	400 m <sup>2</sup> /m <sup>3</sup>	400 m <sup>2</sup> /m <sup>3</sup>
Color	Black	Black
Media Height	13 mm	22 mm
Media Diameter	22 mm	22 mm
Type of Media	Fluidized Bio Media	Fluidized Bio Media
MOC of Media	Virgin PP UV Stabilized	Virgin PP UV Stabilized
Structure	Cylindrical With External Fins	Cylindrical With External Fins
PSA/TSA Ratio (%)	75	75
Specific Weight (Kg/m <sup>2</sup> ) Surface Area	0.37	0.37
Specific Gravity	0.90 – 0.95 gm / cm <sup>3</sup>	0.90 – 0.95 gm / cm <sup>3</sup>
MAX Continuous Operation Temperature	800°C	800°C
Void age	> 98%	> 98%
Density (gm/cc)	0.93	0.93
Media Fill Rate Range, % Fill of V	25 – 55	25 – 55
Sizes available	13 mm X 22 mm	22 mm X 22 mm
Raw Material Used	Poly propylene	Poly propylene