



# P.N.INDUSTRIES

## *The world of Media*



**P.N.INDUSTRIES**  
1, SAI KRISHNA APPT,  
JAGANNATH PLOT-3,  
NEAR K.K.V. HALL,  
KALAWAD ROAD,  
RAJKOT-360005.  
GUJARAT. INDIA.

**MOBILE NO: 09662089945**

**EMAIL: pni121@yahoo.co.in**

**WEBSITE: www.pnindustries.in**

We are Leading Manufacturer of Bio-Pac Media for Waste Water Treatment Plants. Our media Includes different Shape and size according to requirement of our valuable Clients. We are having the world class manufacturing facilities to provide best international standard quality with timely delivery of material.

The range of media includes:

- \* MBBR MEDIA/FAB MEDIA
- \* FLOWER MEDIA-4 “ \* PALL RINGS
- \* TUBE SETTLER MEDIA

These medias are widely used in Waste water treatment plants like Effluent Treatment Plant (ETP), Sewage Treatment Plants(STP), Bio Gas Towers.

# MBBR /FAB MEDIA



EFFECTIVE SPECIFIC(Protected) SURFACE AREA OF MEDIA	400 M <sup>2</sup> /M <sup>3</sup>
Total Surface Area	450-475 (M2)
COLOUR	BLACK
MEDIA HEIGHT	16 MM ( 14 TO 16MM)
MEDIA DIAMETER	22 MM ( 21 TO 22 MM)
No Of Pcs Per Kg	1 Kg Media = 670 to 700 Pcs.
TYPE OF MEDIA	FLUIDIZED BIO MEDIA
MOC OF MEDIA	PP UV STABILIZED
STRUCTURE	CYLINDRICAL WITH EXTERNAL FINS
PSA/TSA RATIO (%)	75
SPECIFIC WEGIHT (Kg/M2) SURFACE AREA	0.37
SPECIFIC GRAVITY	0.90 – 0.95
MAX CONTINUOUS OPERATING TEMPERATURE	80°C
VOIDAGE	> 98%
DENSITY (GM/CC)	0.93 to 0.97 gm/cc
MEDIA FILL RATE RANGE, % FILL OF V	25 – 55

# FLOWER MEDIA-4”



Type of Media	Flower Media
MOC of Media	Polypropylene
Structure	Cylindrical shape
Media Size	100mm X 35 mm(With Dome 50mm)
Specific Gravity	0.90 to 0.95
Surface Area/unit bulk volume	175 m <sup>2</sup> /m <sup>3</sup> bulk volumes
Weight Per Kg	70 Kg/M <sup>3</sup> ( Approx1950 to 2000 Nos)
Max continuous Operating temp	80°c
Color	Black
Media usage	Trickling filter/Anaerobic./SAFF Reactor/Bio Gas Towers/H <sub>2</sub> S Scrubber

# MBBR /FAB MEDIA - P.P.VIRGIN MATERIAL



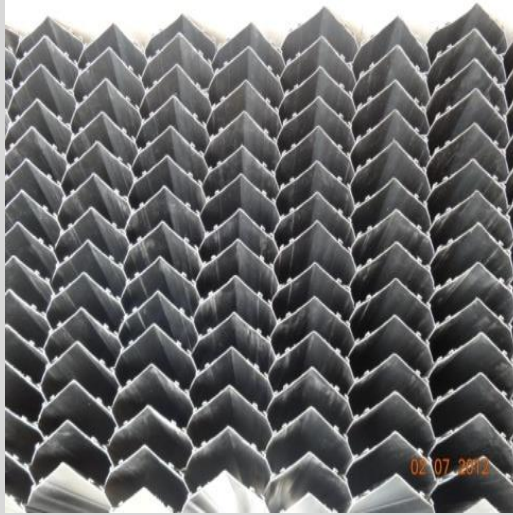
EFFECTIVE SPECIFIC(Protected) SURFACE AREA OF MEDIA	400 M <sup>2</sup> /M <sup>3</sup>
Total Surface Area	450-475 (M2)
COLOUR	White-Natural
MEDIA HEIGHT	16 MM ( 14 to 16mm)
MEDIA DIAMETER	22 MM ( 21 to 22 mm)
No Of Pcs Per Kg	1 Kg = 750+/- 10 Pcs
TYPE OF MEDIA	FLUIDIZED BIO MEDIA
MOC OF MEDIA	PP UV STABILIZED
STRUCTURE	CYLINDRICAL WITH EXTERNAL FINS
PSA/TSA RATIO (%)	75
SPECIFIC GRAVITY	0.90 – 0.95
MAX CONTINUOUS OPERATING TEMPERATURE	100°C
VOIDAGE	> 98%

# PP PALL RINGS



SIZE	No of Pcs Per M3	Surface Area	Free Gap Volume
25 MM	51,000	210	88
38 MM	13,500	140	89
50 MM	6,500	110	93
75 MM	1,800	92	93
90 MM	1,200	85	93

# TUBE SETTLER MEDIA



Type of Media	TUBE SETTLER MEDIA-TSM-750 MM
MOC of Media	UV Stabilized Virgin PVC Base
Cross Section	Horizontal-120mm, AreaVertical-48mm
Shape of Media	Hexagonal (Chevron)Shape
Media straight height/ Media slant(at 60 deree) height	1150mm/1000mm 1000mm/850mm 900mm/750mm 750mm/600mm 500mm/400mm
Thickness	1.0mm ( $\pm$ 0.1mm)
No of Pcs Per M3	One meter cube contains 200 pieces full plus 12 pieces side lock.
Max continuous Operating temp	55 $^{\circ}$ c
Color	Black
Tube Fitting	Tongue and Groove
Plan Setteling Area	12-14 M2/M3
Storage	Media Must Be Stored In a Covered



## P.N.INDUSTRIES

### OFFICE :

1, SAI KRISHNA APPT.,JAGANNATH PLOT-3, NR. K.K.V. HALL KALAWAD ROAD,  
RAJKOT.-360005. GUJARAT. INDIA.

MOBILE : 09662089945 E-MAIL: pni121@yahoo.co.in

### FACTORY :

SURVEY NO: 27/1-2, PLOT NO-2/B, HARIPAR(PAL) . OPP:MOTEL THE VILLAGE  
HOTEL, KALAWAD ROAD, TA:LODHKA, DIST:RAJKOT-360005. GUJARAT.