ENVIRONMENTAL COMPETENCY CONSULTANCY SDN BHD (1233946-V)



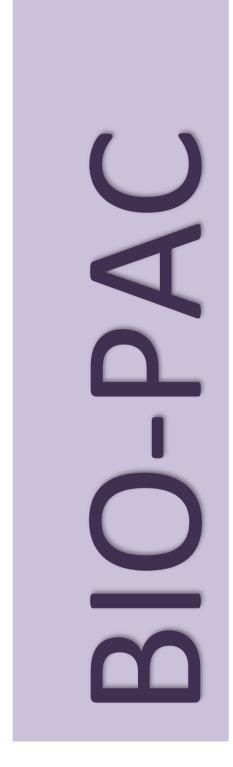
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BIOGAS PACKING MEDIA (BIO-PAC)



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BIO-PAC

Overview

Made of UV stabilised Polypropylene (PP), Bio-Pac is ideal for shallow trickling filter systems and submerged bed applications. Bio-Pac is non-toxic to microorganisms, chemically resistant and highly immune to UV degradation and disintegration over time.

Bio-Pac is excellent for Biological Oxygen Demand (BOD) reduction or nitrification. This is promoted by its structure which presents a number of mixing points for air and water. Due to the high percentage of protected surface area for microorganisms to attach to, Bio-Pac increases the overall biomass concentration while reducing the tank volume required for wastewater treatment. In addition, Bio-Pac has low resistance with its large openings, allowing waste water to flow freely through the media, which encourage a healthy and thin biofilm.









Common Applications

Biological treatment, wastewater treatment, air treatment, etc.

Features

- High resistance to corrosion and rust proof
- Chemically resistant

- High strength
 Suitable for deep beds
- Easy and low cost install



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Performance Data

RBM43
H 53.4 x Ø 97.04
UV stabilised Polypropylene (PP)
Black ■ Natural (Translucent white) □
Fluidized Bio-media
Self-supporting cylindrical shaped with internal ribs and concrete circular
>130
82
0.905 - 1.000
>90%
164
НВ
7000
<0.01

^{*}Data given is for reference only. Specifications may vary depending on process parameters.