



An Ideal MBBR and IFAS Media for biological wastewater treatment

Introduction to LEVAPOR

Levapor is an advanced MBBR and IFAS media for biological wastewater treatment which helps retaining beneficial micro organisms responsible for the treatment of municipal and industrial wastewater for BOD, COD, Ammonia, TKN removal.

Specifications of LEVAPOR MBBR /IFAS Media

Shape	Cuboid shape
MOC	Reticulated Poly Ether based PU foam impregnated with activated carbon
Sp. Gravity	1.1 g/cm ³
Weight	27-30 kg/m ³ (Dry Weight) and 65-80 kg/m ³ (Colonized, wet weight)
Surface Area	> 20000 m ² /m ³ (BET method)
Porosity	> 90%
Degree of filling required	10-15 % of reactor volume

Applications of LEVAPOR MBBR / IFAS Media

- Biological Nutrient Removal (BNR) from municipal wastewater
- Treatment of toxic effluents generating from different industries like Pulp and Paper, Pharmaceuticals, Textile, Organic Chemicals, Integrated Steel plants, CETPs
- Nitrification of industrial effluents
- Upgradation of existing STPs and ETPs based on activated sludge process
- Micro Nutrient removal
- Recirculating Aqua Culture System (RAS)
- Treatment of polluted air for H₂S, Ammonia and VOC removal

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