

## MOVING BED BIOFILM REACTOR MEDIA FILTER

### VARIANT

Type	Dimension (diameter x thickness)	Density	Surface Area	Packing Number	Dosing Ratio	Life Span	Nitrification Efficiency	Material
PE-01	Φ 12*9 mm	0.94 - 0.97 g/cm <sup>3</sup>	>800 m <sup>2</sup> /m <sup>3</sup>	>630,000 pcs/m <sup>3</sup>	15% - 70%	>15 years	400 – 1,200 gNH <sub>4</sub> - N/m <sup>3</sup> .d	HDPE
PE-02	φ11*7 mm	0.94 - 0.97 g/cm <sup>3</sup>	>900 m <sup>2</sup> /m <sup>3</sup>	>930,000 pcs/m <sup>3</sup>	15% - 68%	>15 years	400 – 1,200 gNH <sub>4</sub> - N/m <sup>3</sup> .d	HDPE
PE-03	φ10*7 mm	0.94 - 0.97 g/cm <sup>3</sup>	>1000 m <sup>2</sup> /m <sup>3</sup>	>990000 pcs/m <sup>3</sup>	15%- 70%	>15 years	400 – 1,200 gNH <sub>4</sub> - N/m <sup>3</sup> .d	HDPE
PE-04	φ16*10 mm	0.94 - 0.97 g/cm <sup>3</sup>	>800 m <sup>2</sup> /m <sup>3</sup>	>260000 pcs/m <sup>3</sup>	15%- 67%	>15 years	400 – 1,200 gNH <sub>4</sub> - N/m <sup>3</sup> .d	HDPE
PE-05	φ25*10 mm	0.94 - 0.97 g/cm <sup>3</sup>	>600 m <sup>2</sup> /m <sup>3</sup>	>118000 pcs/m <sup>3</sup>	15%- 65%	>15 years	400 – 1,200 gNH <sub>4</sub> - N/m <sup>3</sup> .d	HDPE