

Four different carriers



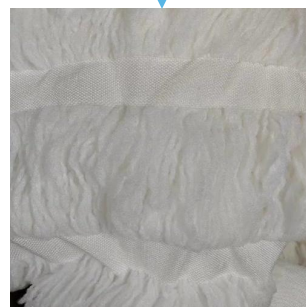
polyurethane sponge



volcanic rock

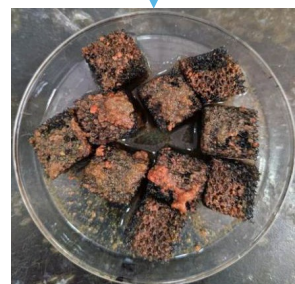


fiber ball

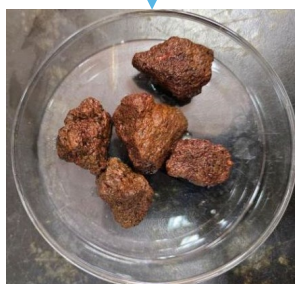


nylon fiber

Selective absorption & biofilm formation



polyurethane sponge



volcanic rock

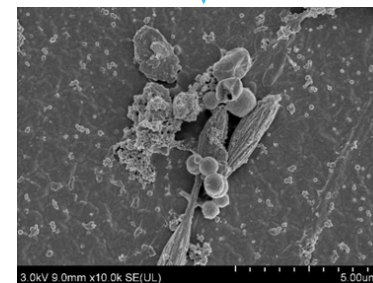


fiber ball

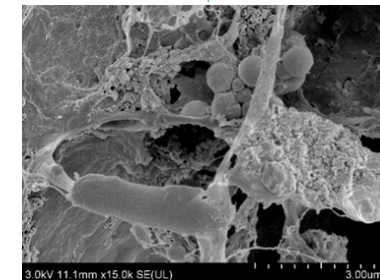


nylon fiber

Composite packing Fast start-up & stable operation

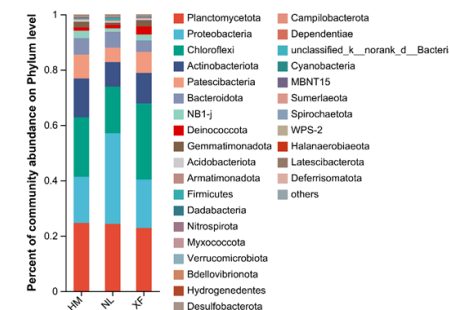


polyurethane sponge



nylon fiber

Community barplot analysis



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