



## Specification data sheet

### Mutag BioFlakes™

Product name:	Mutag BioFlakes™
Developer, manufacturer, distributor:	Multi Umwelttechnologie AG Zschorlauer Strasse 56, D-08280 Aue (Germany)
Description:	High-performance biofilm carrier media for immobilizing microorganisms in biological water and wastewater treatment plants
Applications:	COD/BOD removal, nitrification, denitrification, ANAMMOX process
Active surface area (protected):	assumed to be similar to the Mutag BioChip 30™
Bulk weight (net):	170.00 kg/m <sup>3</sup> ± 2%
Color:	not colorized, color originates from the raw material
Shape:	round, paraboloid
Pore system:	may vary due to raw material
Material:	PE re-granulate
Diameter:	up to 30.0 mm
Material thickness:	approx. 1.1 mm
Specific gravity:	approx. 0.95 kg/l (without biofilm)
Packaging:	standard packaging: BigBags, each 255 kg net = 1.5 m <sup>3</sup> optional (on request only): Small bags, each 28.33 kg net = 1/6 m <sup>3</sup>
Container loading:	30 m <sup>3</sup> in 1 x 20ft standard sea freight container or 66 m <sup>3</sup> in 1 x 40ft HC standard sea freight container
Note:	The alternative to the Mutag BioChip 30™ made from virgin PE material.



Mutag BioFlakes™



Cross section, with biofilm