

BIOMIN, Inc.

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OILSORB SPECIFICATIONS

U.S. Mesh Size	8 x 30
80% passes through	No. 8
5% or less passes through	No. 50
Water retention, drained	10%
Moisture	8% or less
Density	Shipped 61 lb/cu. ft.
Backwashed, settled in column	50-57 lb/cu. ft.

Design Criteria

Bed Depth	3 ft. min
Hydraulic Loading	2-5 gpm/sq. ft. max
Bed Expansion (during back wash)	20%
Standard Packaging in 55 gallon steel drums (300 lbs) or bulk bags (2000 lbs)	

Filter Design Features

- Retention time: 7 – 10 minutes
- Appropriate underdrain to guarantee water flow throughout the Oilsorb bed.
- Support bed over underdrain (gravel, anthracite, etc.)
- Adequate free board to allow for bed expansion when backwashed.
- Air eliminator to remove entrained gases from media bed.
- Access to mechanical vacuum of sluice water for spent media removal.
- Distributor or splash plate.
- Flow rate: 5 gpm/sq. ft. max