

TECHNICAL DATA SHEET

“GLOSITE – EPR” – REGULAR GRADE ANTHRACITE FILTER MEDIA

“GLOSITE – EPR”, REGULAR GRADE, is Anthracite, which can be used in filter media in open and closed filters for water and waste – water treatment. It will hydraulically classify and remain above heavier media such as Sand, Manganese, Green Sand etc. Its regular shape is suitable for single and multi – layer filtration and ensures penetration of sediment deeper into the bed when compared to equivalent Sand filters. Its low density in wet condition enables low backwash rate.

ADVANTAGES:

1. High Solid retention capacity because of its fractured irregular shape.
2. Higher Service velocity and longer filter run when compared to Sand filters.
3. Low back wash water consumption.
4. High filtration efficiency due to higher voids holding capacity as compared to Sand Media.
5. Less head loss as compared to filter Sand.

APPLICATIONS:

1. Removal of suspended matters and turbidity from surface water, spring & well, waste water and effluent.
2. Treatment of closed circuit service and processed water.
3. Filtration of water from scum gutter of swimming pool.
4. Filtration of waste water.
5. Filtration of Flocculated water after clarifier.
6. Separation of coagulated oil particles from condensate / effluent.

SPECIFICATIONS:

PARTICULARS

APPEARANCE

SP. GRAVITY (AVERAGE)

PACKING DENSITY (AVERAGE) (KG/M3)

ASH CONTENT

CARBON CONTENT

REGULAR GRADE

BLACK UNIFY GRANULES

1.4 – 1.5

1000 – 1100

50% MAX.

40% MIN.

SIZE:

ANY SIZE BETWEEN 0.6 MM TO 40 MM AND GRADING MAY BE AS UNDER –

0.6 TO	0.8 MM
0.6 TO	1.6 MM
1.0 TO	2.0 MM
1.4 TO	2.5 MM
2.0 TO	4.0 MM
5.0 TO	10.0 MM
10.0 TO	20.0 MM
20.0 TO	30.0 MM
30.0 TO	40.0 MM

PACKING: IN 50 KG. HDPE BAG



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