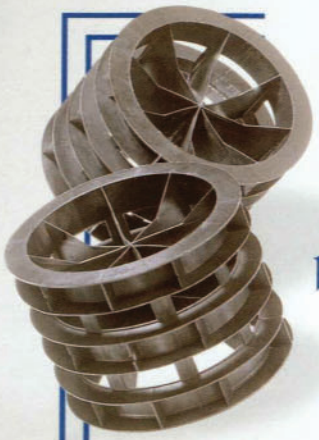
Etapak® 120



Etapak® random plastic media provides the optimum combination of surface area for biological activity, liquid distribution, oxygen transfer and sludge production.

General Properties

The size and shape of Etapak® random media have been specifically developed to expose the maximum surface area for growth of micro-organisms. The approximate 1:1 aspect ratio ensures truly random orientation.

The open nature and high voidage ensures flow patterns which gives continual contact between effluent, the biomass and circulating air.

The provision of windows (not available with most competitive products) enhances sloughing characteristic and minimises potential blockage problems.

Mechanical tests by RAPRA Technology Limited* confirm the excellent potential for deep bed applications.

Material

Thermoplastic homopolymer, fully stabilised to UV light and chemically inert. The material is non-toxic to micro-organisms and immune to fungal or bacteriological degradation.

Process Duty

Etapak® 120 is widely used in single or two stage high rate filters for removal of up to 95% BOD. It is often utilised for new, roughing first stage filters where existing plant is overloaded or under-performing.

The packing is ideally suited for treatment of high strength effluents, either aerobic or anaerobically in deep bed applications including domestic, industrial and refinery wastes.

Properties

Etapak® is manufactured according to Eta Tooling Specifications. It is subject to Eta's strict quality control and can be tested in line with user requirements.

Size *average overall*

Height	90mm
Diameter	115mm

Surface area	minimum 100m^2/m^3
Voidage	95%
Temperature range	0–90°C subject to packed height

Etapak 120 random media in use at Madras Refineries, India.

* RAPRA - Rubber and Plastic Research Association

KOCH-GLITSCH®