

TECHNICAL DATA SHEET

- Product Nama : Anaerobic sludge granular (ASG)
 Name : Granular anaerobic biomass, Starter culture for anaerobic waste water treatment plant, anaerobic sludge .
 Fuction : Anaerobic sludge granular is used as an inoculum for the star up or maintenance of anaerobic waste water treatment plant UASB. By using this material the time for star up is minimized. The active anaerobic biomass (Anaerobic sludge granular) features with respect to it's structure i.e it has a predominantly granular nature. Sharp deviation between dark gray/black granular anarebic granular bacteria and water.

DESCRIPTION	RESUL/UNIT
COLOR	Black or dark Gray
SHAPE	Round or oval
pH (direct in mixture)	6.8 – 8,0
ELASTICITY	Slight elasticity
MOISTURE CONTENT	91-93 %
PARTICLE SIZE	0.3 – 3.0 mm
DENSITY	1.04 – 1.08 g/cm ³
SETTLING VELOCITY	50 – 150 m/h
EFFECTIVE PARTICLE	>80%
ORGANIC CONTENT OF BACTERIA SLUDGE	0.7 ± 0.1
METHANOGENIC ACTIVITY	>0.25 kg
SEDIMENT VOLUME (after 1 hour settling)	Min 700 ml/l