

VIVACTIVE FLUSHABLE MATERIAL HAS PASSED 7 CORE TESTS FOR ITS TECHNICAL FLUSHABILITY



1. TOILET AND DRAINLINE CLEARANCE TEST

To determine the likelihood that a product will successfully clear the toilet & drainage pipe systems.



ZERO
REMAINED IN TOILET BOWL/TRAP



AFTER 5 CONSECUTIVE FLUSHES DRAINLINE IS CLEAR WITHOUT ANY ACCUMULATION

PASSED

2. SLOSH BOX DISINTEGRATION TEST

To access the potential of the products to disintegrate when it is subjected to mechanical agitation in water/waste water

PASSED



DISINTEGRATES INTO FIBRES & SMALL PIECES



93%
AVERAGE 93% PASSES THROUGH 12.5MM SIEVE
PASS = 25%

3. HOUSEHOLD PUMP TEST

To access the compatibility with household sewage ejector pump systems by ensuring it does not interfere with normal operation under high usage conditions during 6 days



AVERAGE FIBRES PRESENT IN BASIN WERE 2.4 WIPES AFTER 24 WIPES LOADED DAILY



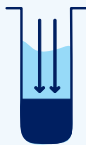
PASS < 24 WIPES

PASSED

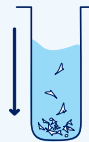
4. SETTLING TEST

To access whether product settles in septic tanks, onsite aerobic systems & chambers

PASSED



2.99 cm/s
AVERAGE SETTLING VELOCITY 2.99CM/S
PASS = 0.1cm/s



24h
PRODUCT SETTLES AT THE BOTTOM OF THE COLUMN AND DOES NOT REFLLOAT AFTER 24h

5. AEROBIC BIODISINTEGRATION TEST

To assess the potential for a product to biologically disintegrate under aerobic conditions in sewers, onsite and municipal wastewater treatment systems in 14 days at room temperature (23°C)

14 DAYS



PRODUCT DISINTEGRATED IN AEROBIC CONDITIONS IN TESTED TIME



100%
100% OF MASS PASSED THROUGH SIEVE AFTER 14 DAYS.

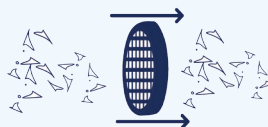
PASSED

6. ANAEROBIC BIODISINTEGRATION TEST

To assess the potential for a product to biologically disintegrate under aerobic conditions in sewers, onsite and municipal wastewater treatment systems in 28 days at 35°C

PASSED

28 DAYS



100%
AVERAGE PERCENT OF THE INITIAL DRY MASS PASSING THROUGH SIEVE AFTER 28 DAYS

7. MUNICIPAL PUMP TEST

To access the compatibility with municipal sewage pumping systems



LESS THAN 3 PIECES WERE FOUND IN THE PUMP IMPELLER AFTER 300 FLUSHED



4.47% < 15%

AVERAGE % OF POWER INCREASE OVER BASELINE WAS 4.47%, WHEN THE CRITERIA IS NOT TO EXCEED 15%

PASSED

FLUSHABILITY TEST PASSED