

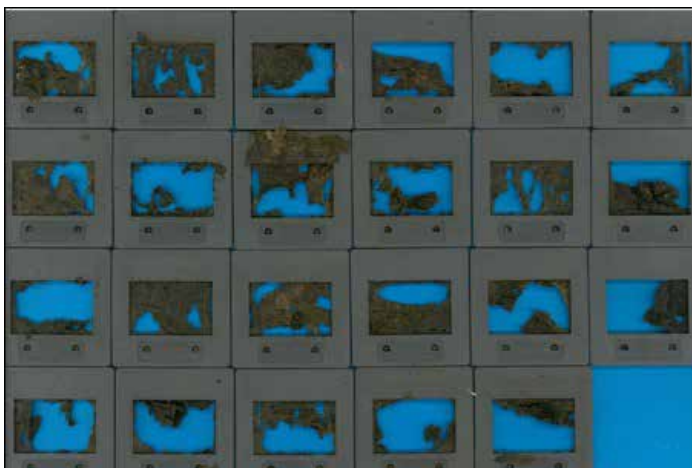
Statement

Test item vibersTM FP0620 in a thickness of 0,45 mm was tested by OWS for industrial compostability in line with the European norm EN 13432 *Requirements for packaging recoverable through composting and biodegradation - Test scheme and evaluation criteria for the final acceptance of packaging* (2000). The standard defines criteria on material characteristics, biodegradation and disintegration including effects on the biological treatment process and effect on quality of compost.

Vibers FP0620 fulfils the requirements on material characteristics (volatile solids, heavy metals and fluorine) as defined by EN 13432 (2000).

The disintegration of Vibers FP0620 in a pilot-scale composting test according to ISO 16929 *Plastics – Determination of the Degree of Disintegration of Plastic Materials under Defined Composting Conditions in a Pilot-Scale Test* (2013) started but proceeded at a too slow rate to fulfil the 90% pass level as required by EN 13432 (2000). Still, lower thicknesses have the potential to fulfill this requirement.

As a general conclusion it can be stated that Vibers FP0620 does fulfill the requirements on material characteristics, biodegradation and compost quality (including ecotoxicity) as defined by OK compost INDUSTRIAL conformity mark of TÜV AUSTRIA Belgium based on EN 13432 (2000), but the thickness must be reduced in order to fulfill also the disintegration requirement and to be industrial compostable.



A visual overview of all slide frames of test item Vibers 450 µm

For more information please contact:

vibersTM
Jupiter 410
2675LX Honselersdijk
The Netherlands
+31 (0)174 - 725812
hallo@vibers.nl
www.vibers.nl

vibersTM is a trade mark from NNRGY BV