

SUMMARY OF RESULTS FOR BIOACETATE S70

Aerobic biodegradation under controlled composting conditions on BioAcetate S70 from Wingram Industrial Co., Ltd. according to ISO 14855-1 (2012)

On November 4th 2021 OWS nv has started an aerobic biodegradability test under controlled composting conditions (58°C) based on ISO 14855-1 *Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide* (2012) on test item BioAcetate S70 on behalf of Wingram Industrial Co., Ltd, Rm708, Technology Park, No.18 On Lai Street, Shatin, N.T., HONG KONG. The test (which received the internal OWS-code ECH-10) is performed under screening conditions (in duplicate).

The biodegradation of test material BioAcetate S70 started almost immediately and proceeded at a moderate to slow rate throughout the test. After 180 days the test item reached an absolute biodegradation of 92.3% ± 1.9%.

In general, a test item has demonstrated a satisfactory level of biodegradation when 90% absolute or relative biodegradation is reached. The maximum allowed test duration determined by the standards on industrial composting is 180 days. Based on the results of this test, 90% biodegradability requirement was reached for test material BioAcetate S70 within 180 days of testing.

Gent, May 16th 2022



Bruno De Wilde
Managing Director