

MTEC0110/63-1 Additional report to the test report no. MTEC0110/63

Final Report
Biodegradation Test
(ISO 14855-1)
of
TAPIOPLAST

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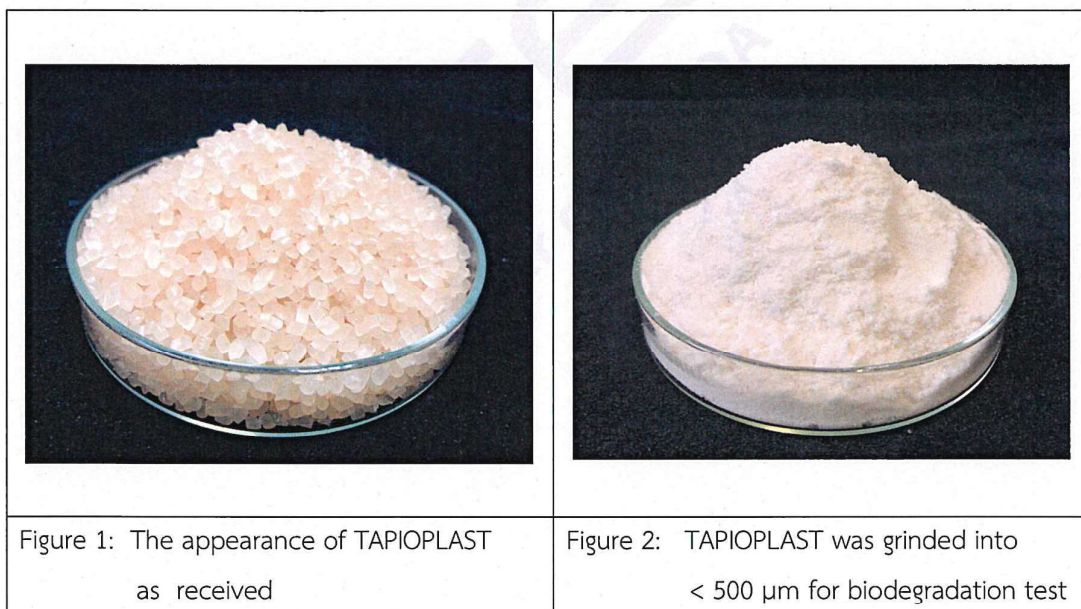
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ISO 14855-1 FM-MT-BDT-510-04 Rev.2 Effective Date: 15 November 2017

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Results : The degree of biodegradation under controlled composting conditions at 58 ± 2 °C of the test sample, namely TAPIOPLAST, was tested together with the reference material, microcrystalline cellulose, for 60 days. The test was conducted in three replicates. The biodegradation percentage of the test sample was calculated from the cumulative amounts of carbon dioxide evolved. It was found that the biodegradation percentage of cellulose was $91.85 \% \pm 1.65 \%$. Under the same conditions, TAPIOPLAST reached the biodegradation percentage of $104.22 \% \pm 3.09 \%$ (or $113.47 \% \pm 3.09 \%$ relative to cellulose).



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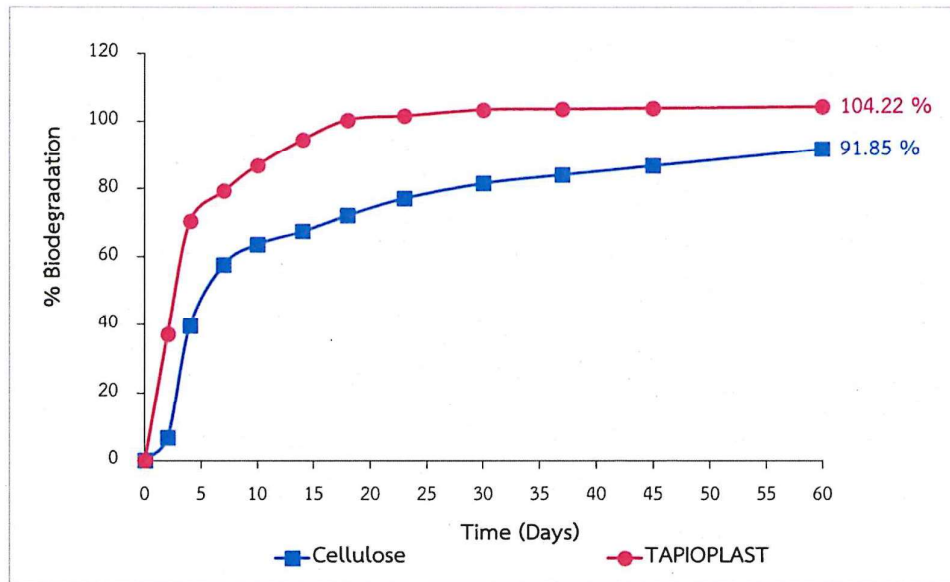


Figure 9 The average biodegradation percentage of cellulose and TAPIOPLAST according to ISO 14855-1 for 60 days