

NATIONAL TOXICOLOGY CENTRE

APPROVED BY FDA - MAHARASHTRA STATE LIC. NO. P-D-TL-7
ISO 9001:2008 CERTIFIED LABORATORY (Regd. No. IPU-0152.07)

S. No. 36/1/1, M.N. 199, Vadgaon Khurd, Pune 411041 • Tel.: 020 - 24392933



STUDY CODE NO.: PM088/1516/0484

Date: 05/August/2015.

Test material : "Addiflex Oxo-BIO-DEGRADABLE PLASTIC GARBAGE BAG
70 MICRON THICK (RED)"

Supplied by : M/S ADSUM SOLUTIONS PVT. LTD.,
Ground floor, Raja Complex, Vijay Cross Road,
Navrangapura, Ahmedabad, Gujrat, Pin 380 009.

Colour : White Quantity recd: 25 Nos.
Sample Size : 12" x 8" Thickness : Above 41 Microns

Lot No. : ASPL/AG/002

Mfg. Date : 25/May/2015

Exp. Date : 24/May/2016

Date of receipt : 06/June/2015

Date of test : 04/July/2015

SAMPLE NOT DRAWN BY NTC

PHOTODEGRADATION TEST

PHOTODEGRADATION OF PLASTIC MATERIALS as per ASTM D 5208-91.

Biodegradable film was exposed to UV light. The test cycle used was as per Cycle C and exposed continuously for 200 hours under laboratory conditions.

After 200 hours exposure, the photo-degradation process had already started. The test material showed signs of breakdown by the very brittle nature of the plastic sheets.

CONCLUSION: It can be concluded that the test material "ADDIFLEX OXO-BIO-DEGRADABLE PLASTIC GARBAGE BAG 70 MICRON THICK (RED)" showed GOOD signs of photo-degradation and hence is PHOTODEGRADABLE.

NTC is approved by the Food & Drug Administration, Maharashtra State, Pune, through License No. P.D-T-L-7.


(Dr. K.G. Apte),
Study Director.