



PEOPLE > SCIENCE > SOLUTIONS

Test Facility
6750 Wales Road
Northwood, OH 43619
419.666.9455

TEST ARTICLE NAME

Polypropylene pellets, YUNGSOX 1350R

TEST ARTICLE IDENTIFICATION

YUNGSOX 1350R

TEST ARTICLE PHYSICAL DESCRIPTION

Polypropylene

TEST ARTICLE RECEIVED

November 29, 2021

SPONSOR

PEI-I Pao
Formosa Plastics Corporation
No. 1 Hsin-Hwa 1st Road Lin-Yuan District
Kaohsiung City,
Taiwan, Province Of China

**USP Biological Reactivity Tests, *In Vivo*
USP Plastic Class VI**

USP Systemic Toxicity Study in the Mouse

The test article was prepared as indicated below and injected into mice. The saline, alcohol in saline, polyethylene glycol 400 and sesame oil extracts did not produce a significantly greater systemic reaction than the blank extractants.

USP Intracutaneous Toxicity Study in the Rabbit

The test article was prepared as indicated below and injected intracutaneously into rabbits. The saline, alcohol in saline, polyethylene glycol 400 and sesame oil extracts did not produce a significantly greater tissue reaction than the blank extractants.

USP Muscle Implantation Study in the Rabbit

The macroscopic reaction of the test article, implanted in rabbit muscle for 1 week, was not significant when compared to the USP negative control plastic.

The test article was prepared at a ratio of 4 g:20 mL and extracted at 70°C for 24 hours. The test article met the requirements of a USP Plastic Class VI.

APPROVAL Sharayah M. Bonner
Sharayah M. Bonner, MS
Senior Technical Reviewer

22 Apr 2022
Date