

Solutions@ Mecmesin

Toy Testing

Specification

The customer supplies plush giftware to retailers such as Clintons. Their plush products are manufactured to European toy safety standard BS EN 71-1:1998 (Safety of toys - Part 1: Mechanical and physical properties). To meet this standard small parts attached to the plush must withstand a 90N tension test.

Solution

To meet the specification Mecmesin supplied a test system consisting of a MDD manual test stand, an AFG 250N digital force gauge and a variety of fixtures, suitable for testing a wide variety of plush toy shapes and sizes. This system enabled the customer to determine that the small parts on the plush toys could resist a specified force, meeting the requirements of the European toy safety standard and assisting in product design.

System

- MDD test stand
- AFG 250N digital force gauge
- Small parallel jaw grip
- Multi Jaw gripping fixture
- Modified multijaw gripping fixture

Testimonial

"The Mecmesin test stand, force gauge and accessories meet all our in-house testing requirements and are quick and easy to use. Mecmesin equipment is an important tool in our Product Safety and Quality Assurance System."

Steve Brooker
Carte Blanche Greetings Ltd



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safety industry

