

Test Report

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Reference No:
Date: 26 June 2008

Enclosure Flammability - 756-5VS Test According to UL746C

Customer: Hager Electro AB
Product: enclosure
Material: [GRP \(Glassfiber Reinforced Polyester\)](#).
Thickness: >3,00mm
Test result: **Passed**
Applicable standards: UL746C, 2006
Place of testing: Intertek SEMKO AB, Stockholm, Sweden
June 23, 2008

Intertek SEMKO AB
Materials Testing Laboratory

Irina Ekblad

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Test description and result.

1. Test specimens

Three pieces of enclosure were tested.

2. Conditioning

The test specimens were conditioned in a circulating air oven for 168 hours at 70°C and then cooled to room temperature.

3. Test procedure

The specimens tested were mounted vertically.

A layer of untreated surgical cotton was located 300mm below the point of application of test flame.

The technical grade methane gas was used as gas supply.

The test flame was applied to the test specimens at an angle of 20°. The flame was applied for 5s five times with 5s interval between applications.

4. Result

The enclosure of type [FLxxSP](#) made of plastic material [GRP \(Glassfiber Reinforced Polyester\)](#), did meet the requirements with regard to 5 inch Flammability Test according to UL745C