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TEST REPORT

Title: **Differential Scanning Calorimetry (DSC) Test**

Date: 24 July 2013

Project No.: P13357

Sample: 'Epo Bond HT 110'

Company: LaMaCo System Sdn Bhd

Address: 407, Jalan Perusahaan 6
Taman Bandar Baru Mergong
05150, Alor Setar
Kedah Darul Aman

Evaluated by:

.....
Ir. Zarina Rasmin

Checked by:

.....
Dr Norzalia Sulaiman

SIRIM QAS INTERNATIONAL SDN BHD COMPOSITE MATERIALS SECTION PLASTICS

Approved by:

.....
Dr Ahmad Fuad Md. Yusuf
Head
Plastics and Composite Materials Section
Testing Services Department

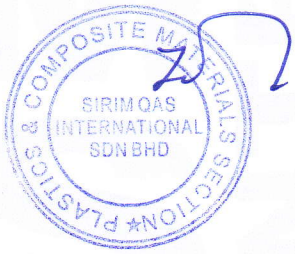
Test Method:

Company specification:

Prior to the analysis, the sample was baked for 3 days at 110°C in an air circulated oven. After baking, approximately 10 mg of the test specimen cut from the sample was heated from 25°C to 200°C at a heating rate of 20°C/minute in a Differential Scanning Calorimetry (DS) Analyser. Throughout the experiment, nitrogen was used as the purge gas and the flow rate was maintained at 25 ml/minute.

Sample Identification:

- Sample name: 'EPO Bond HT 110'
- Quantity: 5 pieces
- Dimension: 20 mm x 10 mm x 3 mm
- Description: colour grey
- Date received: 28 June 2013



Result:

'EPO Bond HT 110'

PROPERTY	RESULT	TEST METHOD
Glass transition temperature, °C	116 (see Figure 1 for DSC Curve)	Differential Scanning Calorimetry (DSC) Analysis conditions:- Heat from 25°C to 140°C at 20°C/minute in nitrogen Gas flow rate was set at 25 ml/minute

COMPOSITE MATERIALS & PLASTICS SECTION
SIRIM QAS INTERNATIONAL SDN BHD

Result (continued):

'EPO Bond HT 110'

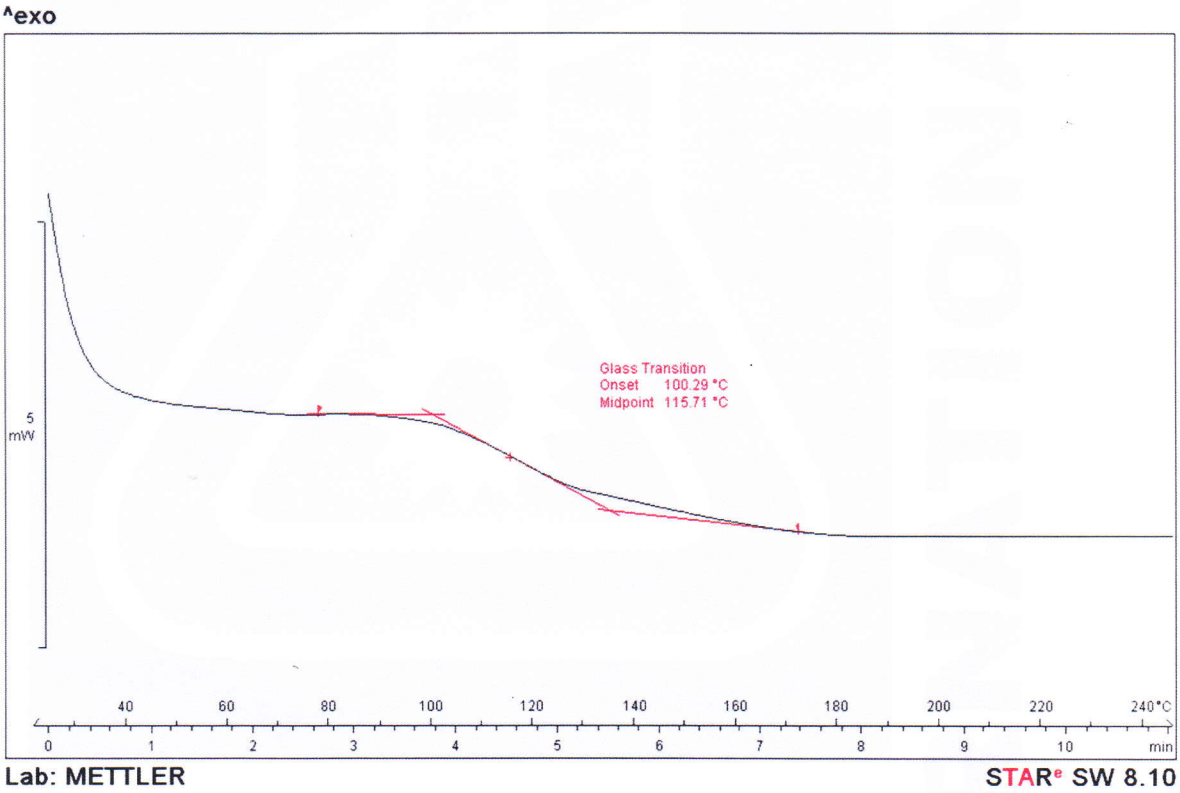


Figure 1. DSC Curve of Sample 'Epo Bond HT 110'