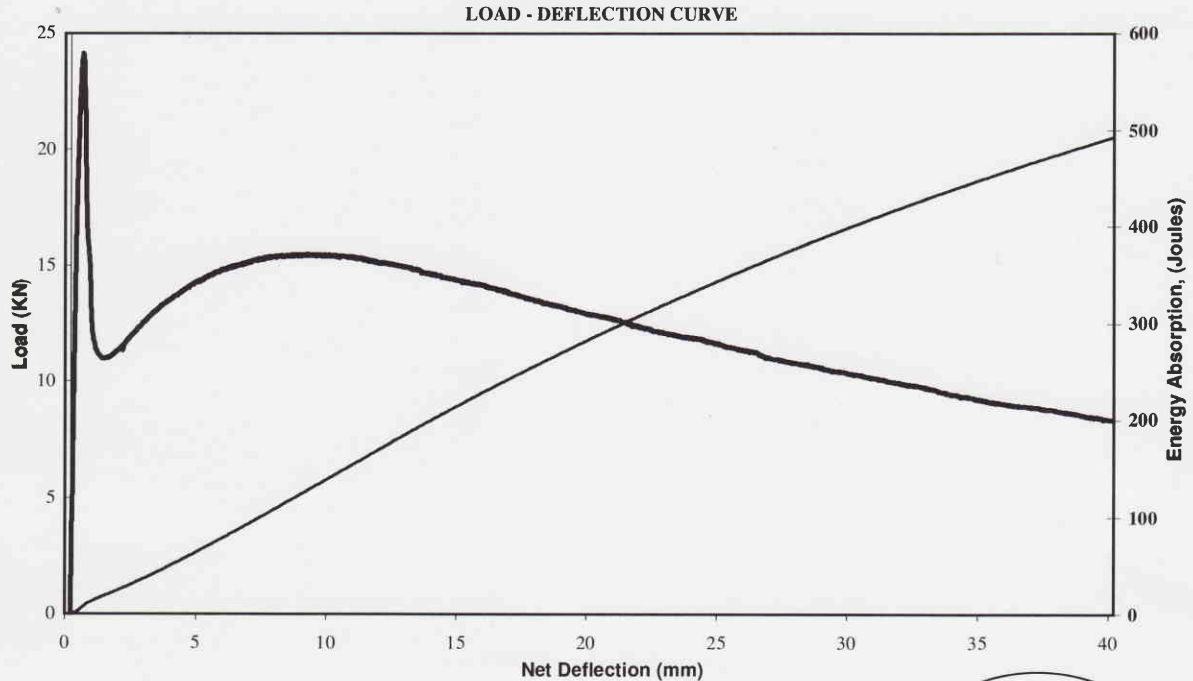


## Flexural Toughness of Fiber Reinforced Concrete - Round Panel

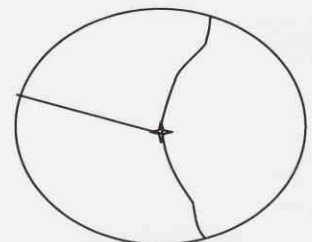
ASTM C 1550

**CLIENT:** \_\_\_\_\_  
**PROJECT:** \_\_\_\_\_  
**LOCATION :** Fibre Trials  
**Sample Id :** Reoco 5 , Batch No. 11920352  
**Type of Fibre:** Reoshore58  
**Dosage Rate :** 5 kg/m<sup>3</sup>

**JOB No. :** 09-01-1167  
**Lab No. :** 09-MT-5296B  
**Casting Date :** 8/04/09  
**Date Tested :** 6/05/09  
**Age at Testing :** 28 Days



**Specimen Details :** Condition of specimen: **Good**  
**Average Diameter of Panel, mm :** **800**  
**Average Thickness of Panel , mm :** **77**  
**Standard Deviation of Thickness, mm :** **2.7**  
**Number of Radial Cracks :** **3**



Failure Diagram

**Energy Absorption at the Following Central Deflection:**

	<u>Direct Absorption</u>	<u>Corrected Absorption</u>
Energy Absorption at 5 mm Deflection, (Joules) =	66	64
Energy Absorption at 10 mm Deflection, (Joules) =	142	137
Energy Absorption at 20 mm Deflection, (Joules) =	285	275
Energy Absorption at 40 mm Deflection, (Joules) =	493	479

**COMMENTS:**

1. Sprayed sample supplied by client & delivered to the Laboratory on 28/04/09
2. Sample tested in a Wet condition.
3. Laboratory Curing Conditions : Standard moist temperate zone (acc. To AS 1012.8.1 cl. 9.3)

Average Fibre Count / 200mm: 58 (Additional information - Not a requirement of the Test Method)

Approved Signatory : \_\_\_\_\_ ( J.Reid )

Date : 8/05/2009

Certificate No. : 09-MT-5296 / C400

SN 2411



This document is issued in accordance with NATA's accreditation requirements