

B. G. K., M.

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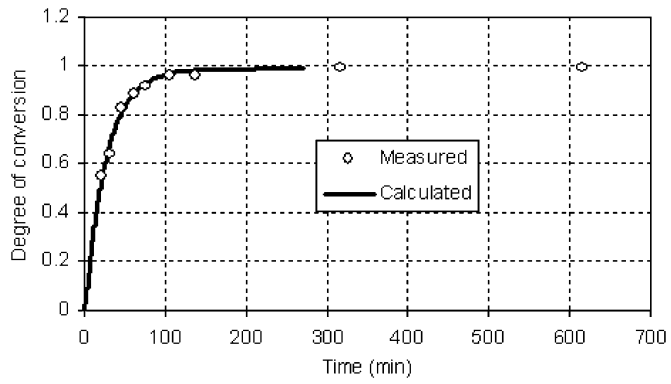


Fig. 6. Degree of conversion vs. time at 120 °C. The calculated curve is shown for comparison.

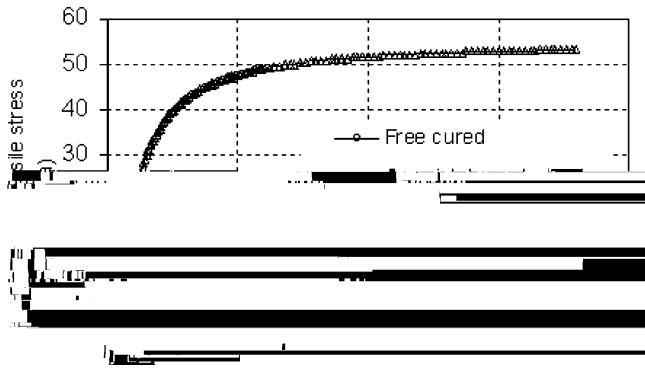


Fig. 10. Evolution of side stress (curing time: 50%).

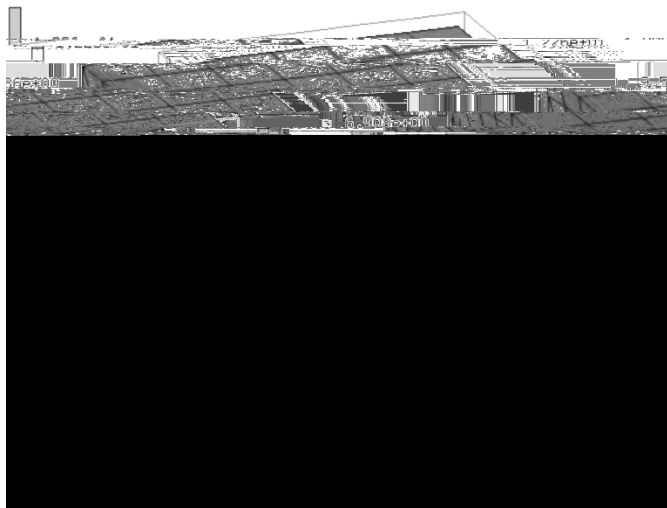
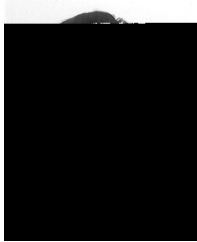


Fig. 11. Configuration of the finite element mesh (curing time: 50%).

In order to determine the effective properties of the composite, the finite element analysis is performed on a representative volume element (RVE) of the composite. The RVE is defined as a cube with side length l_0 , and the coordinate system (x, y, z) is defined with the origin at the center of the cube. The faces of the cube are $X = l_0, Y =$

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ACKNOWLEDGMENT

The author... a... I. C... 'a... ' H... f... f... e... e... f... i...
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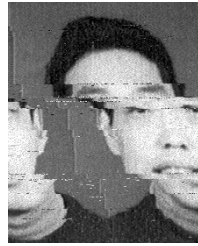
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