

REFERENCES

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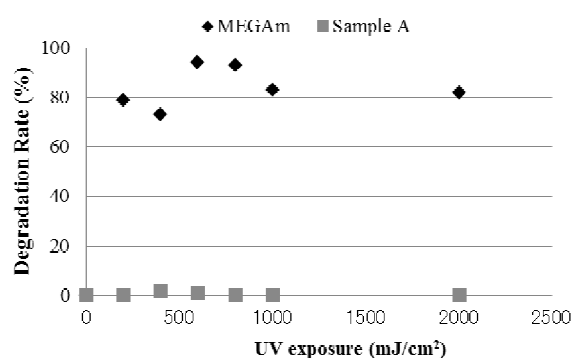


Figure.5

B. Measurement of cure shrinkage.

Results of the measurement, the cure shrinkage of conventional monomer Sample A was 4.1%. Meanwhile, the newly developed MEGAm was 1.9%.

From these results, the cleavage site was introduced acrylic monomer, cure shrinkage was much lower than conventional monomer.

IV. CONCLUSIONS

To summarize, We have developed MEGAm show a very low cure shrinkage. A measure of the cure shrinkage was found to be nearly zero. The shrinkage is low due to the bond cleavage is the occurrence of van der Waals distance.

Here we have developed MEGAm and that applied to holographic memory and found that the media made the error rate is very low. In this presentation, and application of this material are discussed together, as incorporated into the polymer structure is decomposed parts.

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