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**THE EFFECT OF VISCOSITY AND GELLING**  
**AGENT ON- PROCESSING OF LATEX COMPOUND**

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By

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174402

M.Sc. Polymer Science and Technology

December 2001

A study of

**THE EFFECT OF VISCOSITY AND GELLING**

**AGENT ON- PROCESSING OF LATEX COMPOUND**

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***Abstract***

Latex is a colloidal dispersion of polymer particles in aqueous phase. One such naturally occurring latex is natural rubber latex.

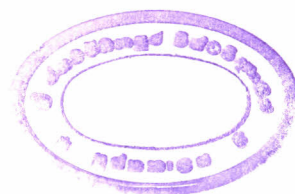
In many applications natural rubber is chosen in preference to synthetic rubber. Ammonia Preserved , centrifuged latex is used for producing of many rubber articles.

Bridging of individual rubber molecules is called vulcanization. Vulcanized natural rubber gives better properties , and it is done using sulphur , activators and accelerators.

When processing of pre vulcanized lattices , the viscosity is one critical parameter. To increase viscosity , viscosity modifiers or thickening agents can be used.

The effort taken to study the behavior of thickening agents is reported here. Idea was to use different latex bulks. It is also necessary to study the change of pH of gelling agent.

A sodium poly acrylate type of a thickener can be employed in increase the viscosity of latex compound.



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