

# Binder developments for glasswool production

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Seminar Room W-501, WPI/MANA Bldg, 5F, Namiki site



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Glasswool is one of typical construction products used as insulation, and today's theme binder is a key component for its production in order to give some mechanical forces, which enable these products to be used for construction. From the beginning of the production, phenolic resol resin has been traditionally used as binder for glasswool, but in this last decade this resin was modified to the one including much lower formaldehyde, responding to strong demands of low formaldehyde products from markets due to the inflation of consciousness to our health. Furthermore, now, this resin is going to be changed to "zero" formaldehyde, which are composed of natural resources. This presentation will focus on some developments that have been done in these years especially in Japan, and will also show future views of our binder.

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