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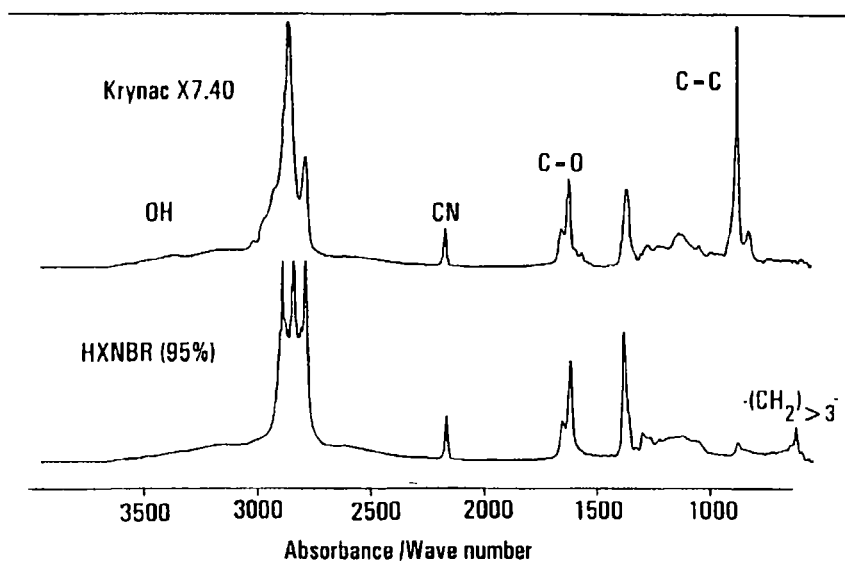
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(54) Title: PROCESS FOR HYDROGENATING CARBOXYLATED NITRILE RUBBER, THE HYDROGENATED RUBBER AND ITS USES

FTIR for Krynac X 7.40 and its hydrogenated product (95%)



(57) Abstract: Polymers of a conjugated diene, an unsaturated nitrile and an α , β -unsaturated carboxylic acid are selectively hydrogenated to reduce carbon-carbon double bonds, without also reducing carboxyl groups and nitrile groups, using a rhodium-containing compound as catalyst. The hydrogenated polymers are novel and display excellent adhesive properties at both room temperature and high temperature, excellent hot tear strength, and excellent abrasion resistance.

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ACTION

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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