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(a) Name the type of polymerisation shown in the following reaction:

Assess current developments in the use of biopolymers.

Correctly we a produce synthetic polymers, which can be used for packaging of foods, etc. and one not biodegradable and come from crude oil, which is not a partenewable resource.

A current development is the involves testing assessing the use of polymers made from the raw materials of biomass. For example, a food packaging is being developed which is starch-based. This allows the packaging to be decomposed once used, which reduces the filling up of garbage tips. It is also made from bomass, which is a natural renewable resource, sorther meaning that this won't run out and we can continue using it by planting more plants, unlike the polymers produced from crude oil