

Abstract

The invention describes a method for producing a foam moulding from poly(meth)acrylimide, an adhesion promoter or an adhesion promoter mixture
5 and optional auxiliaries, comprising the following steps:

- grinding a polymeric moulding made of poly(meth)acrylamide,
- coating the grindings obtained in the preceding step with an adhesion promoter,
- 10 – introducing the coated grindings into a mould,
- optionally adding the auxiliaries,
- heating the mould,
- cooling the mould below the foaming temperature, and
- demoulding the foam moulding.

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The resulting foam moulding has outstanding mechanical properties and is suitable for applications including as a component in the production of space, air, water and land vehicles.