



Injection moulding of BaryLiner®

Product

Injection moulding is the main method of forming which is applied for production of moulded members from thermoplastic materials. Based on thorough knowledge of the reprocessing technology applied in the automotive industry and modern computer-controlled injection quality, we provide for high quality in mass production. The level of production automation is constantly increasing.

BaryLiner is a thermoplastic material, to which different modifying substances are added, with the purpose of achieving specific acoustic effects.

Depending on the composition, materials with acoustically or mechanically optimal properties are created.

Characteristics

Injection moulded parts designed for acoustic solutions have a density ranging between 0.9 to 2.6 g/cm. Depending on the requirements and form stability, a maximum ambient temperature of 80°C is allowed. The parts are hardly inflammable according to the German DIN standard 75 200 – MVSS 302.

BaryLiner is resistant to motor oil, gasoline engine fuel, alcohol, brake liquid, 10 % sulphuric acid, antifreezer, electrolyte vapours, cleansers and de-icing salt.

Range of application

- kick-plate
- border protection
- encapsulation, for example, for engines and pumps



Wheel house liner