

Tank W2



Purposes

- Automotive
- Technical part
- Power steering
- Fluid management



Technologies

- IMA
- Assembly
- Bi-injection



Know-how

- Watertightness
- Design of the part to ensure workability in IMA
- «Chemical-mecanical» welding ensuring a perfect fit

➔ Issue

The approach of this new product was mainly to avoid the welding process, which leads to sealing controls to prevent leakage. IMA technology has therefore emerged as the solution that best meets this challenge.

The development of this part by MIHB teams also strengthened the resistance to pressure inside the hydraulic tank for power steering. The hollow body of molding in the mold enhances the sealing reliability of the part, releases the geometric options and enhances the economic efficiency. Our willingness to always bring new solutions to our customers naturally guided us in this new expertise.



Solution and benefits

First, the use of IMA allows the respect of forms of the piece, which is very important. In addition, this allows to have freedom in the 3D shape of the part.

MIHB controls, through the IMA, the achievement of a hollow body in the mold in a single injection step with an assembly line. This technology allows particularly time-saving and therefore increased productivity.

(Re)-discover IMA: <http://www.usinenouvelle.com/expo/guides-d-achat/in-mold-assembly-ima-378>, bi-injection: <http://www.usinenouvelle.com/expo/bi-injection-p3339663.html> and assembly: <http://www.usinenouvelle.com/expo/assembleage-de-pieces-finies-p263868.html>



Identity card

Launch year : 2010
Nb of parts a year : 150 000
Customer : Peugeot 508
Parts dimensions : 110x115x120
Market : Automotive
Technology : IMA

