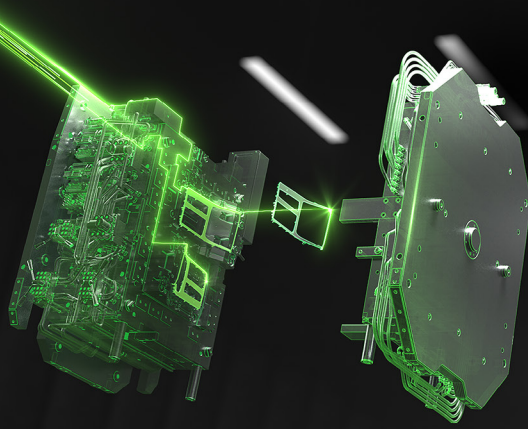


Technologies by Pioneers



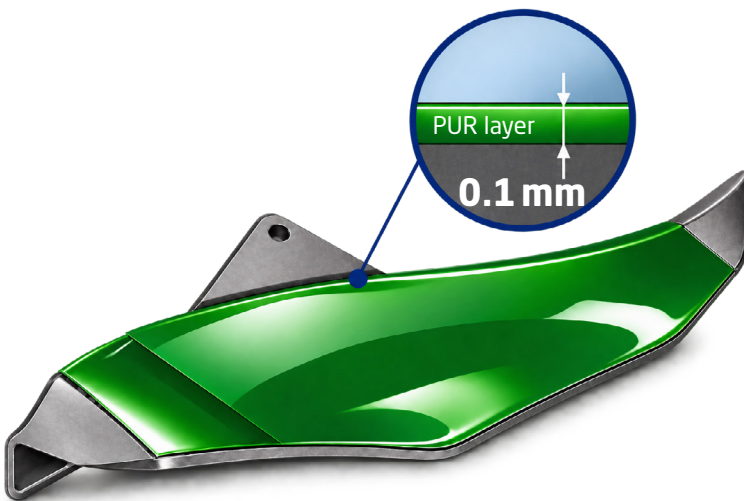
In-Mold Coating (IMC)

PUR coating directly in the mold with ultrafine layers

High-quality surfaces are created directly in the injection mold – without a downstream painting process. The established **ColorForm technology**, proven for around 20 years, combines injection molding and **Direct Coating** in an integrated process and now enables PUR layers as thin as **0.1 mm**.

Through continuous advancements in tooling and process technology, these ultrafine layers can be produced with **excellent process stability and repeatability**. The reduced material usage lowers coating costs and conserves resources – while maintaining high surface quality.

Even complex component geometries can be produced with high-quality PUR surfaces, opening up new possibilities for future series applications.



0.1 mm

PUR layer

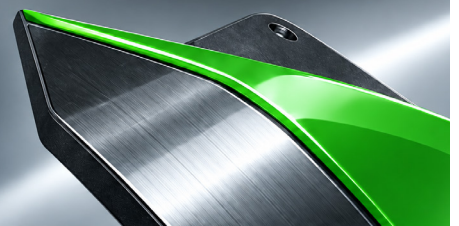
up to
80 %

less PUR material*

Your benefits at a glance

- Reduced PUR material usage
- Premium high-gloss surfaces without post-processing
- Filling behavior can be assessed in advance
- Soft-touch surfaces available
- Textured surfaces possible
- One-step process
- Reduced logistics effort
- Premium appearance and enhanced aesthetic quality of visible parts and trims
- Complex 3D surfaces
- Components with openings

**COMPLEX
GEOMETRIES.
STRONG
RESULTS.**



Realizing
Ideas



Perfecting
Surfaces



Saving
Resources

Is this technology suitable for your component?

Talk to us.

* Calculated comparison of the PUR layer: 0.5 mm versus 0.1 mm at the same coating area.
Actual material savings depend on the component and the process.

AI-assisted illustration