



PACKAGING SOLUTIONS

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Modern packaging solutions need both state of the art sustainable substrates (e.g. paper, (bio)plastics, mono films) as well as functional finishings. The goal of providing the best possible protection for the goods while taking into account biodegradability, bio-based materials and recyclability is a challenge for the material developers.

ORMOCER® AND bioORMOCER®-COATINGS

- can help optimize packaging materials in different ways:
 - Provide additional barrier properties against oxygen, water vapor, fragrances, etc.
 - Planarizing the substrate surface, e.g. for a SiO_x coating or other metallization
 - Provide a final water resistant protection (for underlying functional layers)
 - do not affect recyclability and are applicable in thin layers to maintain monomaterial requirements.
- In addition, bioORMOCER® can be biodegradable.

All coatings are applicable on all typical film materials via standard lacquer application methods such as (reverse) engraving, slot die, spraying or others.



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