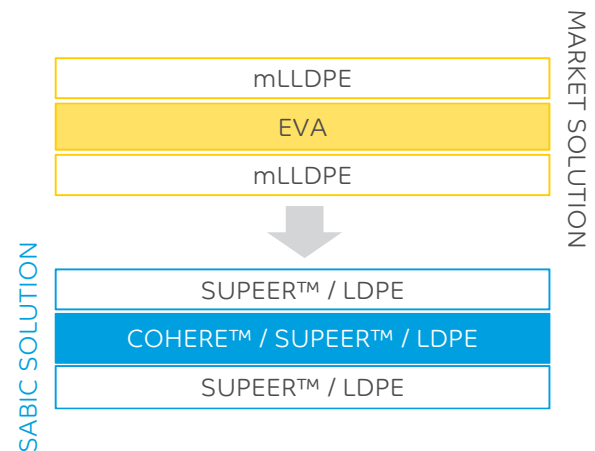


# SABIC WHOLE POLYETHYLENE SOLUTION FOR STRETCH HOOD



## CHALLENGE

Palletize packaging film has growing needs throughout the year as part of secondary or tertiary packaging to secure the goods safety during transportation and storage. Stretch hood is one of method of palletize packaging that has 5 directions of protection and is faster. As a sustainability driven company to have easy to recycle stretch hood film with a higher holding force, SABIC created this solution.



## VALUE PROPOSITION

SABIC stretch hood solutions based on SABIC® SUPEER™ and SABIC® COHERE™ grades versus EVA based structures show:

- Higher holding force
- More consistent holding force under a wide temperature range
- More stable Coefficient of Friction (CoF)
- Better protrusion resistance / puncture resistance
- Higher transparency
- Lower density



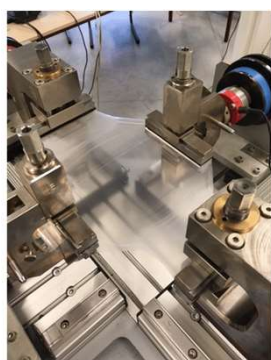
Tilt tests to check holding force use SABIC® solution

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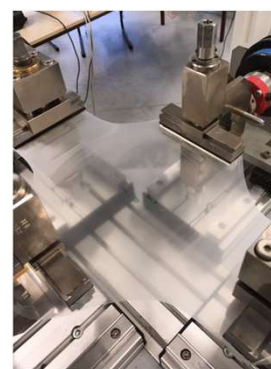
## 3 LAYERS GUIDANCE FORMULATION

Layer 1	85% SABIC® SUPEER™ 8112L + 15% LDPE HP0823NN	20%
Layer 2	45% SABIC® COHERE™ S100 + 40% SUPEER™ 8112 + 15% LDPE HP0823NN	60%
Layer 3	85% SUPEER™ 8112L + 15% LDPE HP0823NN	20%

### EVA BASED STRETCH HOOD

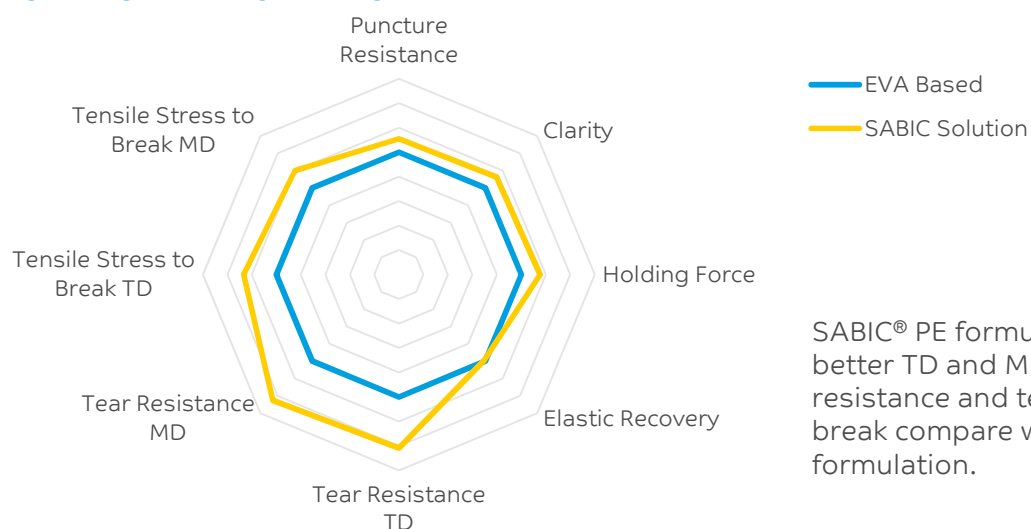


### COHERE™ BASED STRETCH HOOD



SABIC solution has higher tensile strength and tear resistance compare with EVA solution in both machine and transverse direction.

## MECHANICAL PERFORMANCE



SABIC® PE formulation show better TD and MD tear resistance and tensile stress to break compare with EVA formulation.

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