

## SABIC SOLUTION FOR LIQUID PACKAGING FILM



### CHALLENGES IN THE INDUSTRY

- High transportation cost for conventional methods (drum, IBC, ISO tank)
- High leakage risk for the flexible liquid package (container liner, IBC liner)
- Good processability needed for improving the productivity
- Simplify package structure or reduce gauge to save material consumption

### VALUE PROPOSITION

- Superior flex crack resistance and high dart impact resistance
- Guaranteed packing integrity during transportation
- Outstanding sealing performance
- Excellent processability for easy extrusion and bubble stability
- Downgauging capability without loss protection properties and processability

GRADE	Melt Index (g/10min)	Density (g/cm <sup>3</sup> )	FEATURES
SABIC® COHERE™ S100	1.0	0.900	Excellent flexi-crack and dart impact resistance, enhanced heat sealing
SABIC® COHERE™ 8185	1.0	0.885	Excellent flexi-crack and dart impact resistance
SABIC® COHERE™ 8170D	1.0	0.868	Excellent flexi-crack and dart impact resistance
SABIC® SUPEER™ 8115	1.0	0.915	Excellent mechanical strength and processability
SABIC® SUPEER™ 8112	1.0	0.912	Excellent mechanical strength and processability
SABIC® HP0323NN	0.3	0.923	Bubble stability and easily extrusion
SABIC® 118WJ	1.0	0.918	Good mechanical strength and processability

# SABIC SOLUTION FOR LIQUID PACKAGING FILM

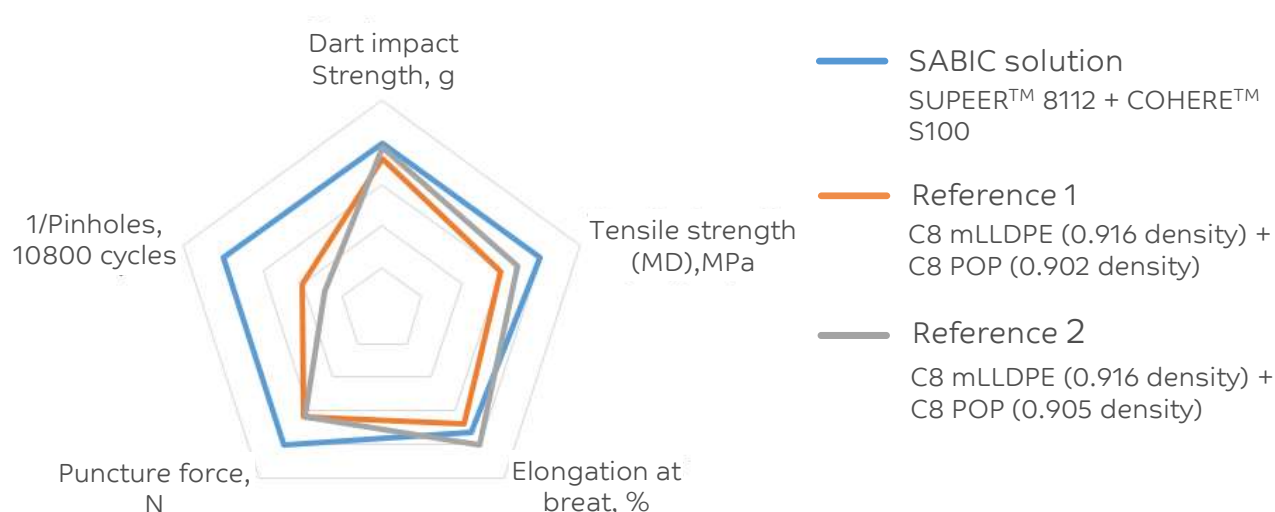
## TYPICAL STRUCTURE FOR 3 LAYERS IBC LINER FILM

Skin	SABIC® SUPEER™ 8115 + LLDPE 118WJ + LDPE HP0323NN	30%
Core	SUPEER™ 8115 + COHERE™ 8170D + LLDPE 118WJ + LDPE HP0323NN	40%
Sealing	SUPEER™ 8115 + LLDPE 118WJ + LDPE HP0323NN	30%

## TYPICAL STRUCTURE FOR 3 LAYERS CONTAINER LINER FILM

Skin	SABIC® SUPEER™ 8112 + SABIC® LDPE HP0323NN	30%
Core	SUPEER™ 8112 + COHERE™ S100 + SABIC® LDPE HP0323NN	40%
Sealing	SUPEER™ 8112 + COHERE™ S100 + SABIC® LDPE HP0323NN	30%

## PERFORMANCE OF 125µm CONTAINER LINER FILM



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