

STRETCH WRAP FILM

DESIGN FOR RECYCLABILITY & REDUCING WASTE

SABIC & SML MASCHINENGESELLSCHAFT mbH

SABIC® PP 621P POLYMER , SUPEER™ (mLLDPE) COPOLYMER AND FORTIFY™ (POE) ELASTOMER

INDUSTRY CHALLENGE

Using stretch wrap film is one of the methods to secure goods during transportation as its highly elastic recovery nature keeps the items tightly bound. Industry seeks for stiffer and thinner stretch film that provides higher holding force for improved pallet stability, potentially less damaged goods during transportation, and recyclable.

SABIC SOLUTION

SABIC material solutions for stretch wrap film was developed in collaboration with global leading co-extrusion [film machine manufacturer SML](#), potentially offer down gauging possibilities, stable film performance in different weather conditions and good transparency due to individual layers of FORTIFY™ (POE) and SUPEER™ (mLLDPE) grades and SABIC® PP 621P polymer.

While SUPEER™ metallocene grades provide elongation and toughness for high holding force, the FORTIFY™ elastomers offer film adhesion and impact resistance, and SABIC® PP 621P supports holding force and tear strength in cross direction. SABIC® PP and certain SUPEER™ grades are available as certified renewable from SABIC's TRUCIRCLE™ portfolio, produced with second-generation bio-based feedstock, to support CO2 emissions reduction.



DESIGN FOR
RECYCLABILITY



STRONG MECHANICAL
PERFORMANCE



CERTIFIED RENEWABLE
GRADE AVAILABILITY



EASE OF
PROCESSABILITY



[CLICK HERE](#) FOR MORE INFORMATION

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