

# GREENHOUSE FILM

## SABIC

### SABIC® LDPE, SABIC® LLDPE POLYMERS AND COHERE™ (POP) PLASTOMER

#### INDUSTRY CHALLENGE

Need for economical film solutions that will provide optimal growing conditions for crops to optimize yield and maintain functionality (weatherability, thermal stability, and light diffusion) throughout the life cycle of the product and improve plant production.

#### SABIC SOLUTION

Most greenhouse polyethylene films are manufactured as a co-extrusion of three or more layers, each of these layers contributes to the quality of the film by adding specific property such as tear resistance, light transmission, UV blocking, etc.

SABIC material solutions for greenhouse films are designed to be cost effective, and durable. Film formulations using SABIC® LDPE, and LLDPE polymers, and COHERE™ plastomers offer excellent tear resistance, puncture strength, and elasticity for durability in varying climate conditions. SABIC solutions can be tailored, via resin formulations and additives, to provide the desired light diffusion for optimal growing conditions based on the crop, resulting in higher yields.

SABIC® LDPE, and LLDPE polymers are also available as certified renewable from SABIC's TRUCIRCLE™ portfolio, produced with second-generation bio-based feedstock to support CO2 emissions reduction.



STRONG MECHANICAL PERFORMANCE



EASE OF PROCESSABILITY



CERTIFIED RENEWABLE GRADE AVAILABILITY

[CLICK HERE](#) FOR MORE INFORMATION

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