

MULTI-LAYER FILM BANANA PACKAGING

Collaboration partner: LINH KHANG

COHERE™ 8570D POLYOLEFIN PLASTOMER (POP) & SUPEER™ 8115L METALLOCENE POLYETHYLENE (MLLDPE)

Food packaging made of COHERE™ and SUPEER™ resins using NEXLENE™ technology.

CHALLENGE

Fresh fruits, especially bananas, are soft and they can bruise easily. The challenge is to design a packaging solution for bananas that will hold up to the rigors of transport and handling from farm to table while protecting the fruit from damaging when exposed to moisture, shock and vibration.

SABIC SOLUTION

In collaboration with Linh Khang, a flexible packaging film producer in Asia, SABIC has developed a unique multi-layer film helping keep bananas longer fresh. This full PE structure that consist of COHERE polyolefin plastomer (POP) and SUPEER™ metallocene polyethylene and LLDPE products, is easy recyclable, while having good tensile strength and puncture resistance.

REDUCTION OF FOOD LOSS

According to Linh Khang, the new material has helped reduce the previous rejection rate of the bananas by up to 20%.



PUNCTURE RESISTANCE



GOOD TENSILE STRENGTH



HIGH TRANSPARENCY



EASY RECYCLABILITY



CONTACT US

SABIC Headquarters

PO Box 5101
Riyadh 11422
Saudi Arabia
T +966 (0) 11 225 8000
F +966 (0) 11 2259000
[E info@sabic.com](mailto:E.info@sabic.com)

EUROPE

SABIC Europe Head Office

PO Box 5151
6130 PD Sittard
The Netherlands
T +31 (46) 722 2222
F +31 (46) 722 0000
[E info@sabic.com](mailto:E.info@sabic.com)

ASIA PACIFIC

SABIC Asia Pacific Head Office

One Temasek Avenue
#06-01 Millenia Tower
Singapore 039192
T +65 6557 2555
F +65 6531 8101
[E info@sabic.com](mailto:E.info@sabic.com)

SABIC (Shanghai) Trading Co. Ltd.

2550, Xiupu Road Pudong
Shanghai 201319
China
T +86 21 2037 8188
F +86 21 2037 8288

UNITED STATES

SABIC Americas Head Office

Suite 650
2500 City West Boulevard
Houston, TX 77042
USA
T +1 713 532 4999
F +1 713 532 4994 E
[E info@sabicamericas.com](mailto:E.info@sabicamericas.com)

DISCLAIMER: THE MATERIALS, PRODUCTS AND SERVICES OF SAUDI BASIC INDUSTRIES CORPORATION (SABIC) OR ITS SUBSIDIARIES OR AFFILIATES ("SELLER") ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH ARE AVAILABLE UPON REQUEST. INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS DOCUMENT ARE GIVEN IN GOOD FAITH. HOWEVER, SELLER MAKES NO EXPRESS OR IMPLIED REPRESENTATION, WARRANTY OR GUARANTEE (i) THAT ANY RESULTS DESCRIBED IN THIS DOCUMENT WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN OR APPLICATION INCORPORATING SELLER'S MATERIALS, PRODUCTS, SERVICES OR RECOMMENDATIONS. UNLESS OTHERWISE PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS, SERVICES OR RECOMMENDATIONS DESCRIBED IN THIS DOCUMENT. Each user is responsible for making its own determination as to the suitability of Seller's materials, products, services or recommendations for the user's particular use through appropriate end-use and other testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. Statements by Seller concerning a possible use of any material, product, service or design do not, are not intended to, and should not be construed to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of any material, product, service or design in a manner that infringes any patent or other intellectual property right. SABIC and brands marked with TM are trademarks of SABIC or its subsidiaries or affiliates.

© 2020 Saudi Basic Industries Corporation (SABIC). All Rights Reserved.

† Any brands, products or services of other companies referenced in this document are the trademarks, service marks and/or trade names of their respective holders.