

# RETORT POUCHES FOR WET PET FOOD

SABIC, MARS PETCARE AND HUHTAMAKI

## CERTIFIED CIRCULAR SABIC® PP POLYMER

### INDUSTRY CHALLENGE

When it comes to wet pet food retort pouches, that are made of multi-material laminate structures, there is a growing need for sustainable packaging solutions. They should not only deliver on quality and performance, but also withstand demanding retort conditions (temperatures typically ranging from 120°C to 130°C for longer periods of time) to achieve the desired food preservation.

### SABIC SOLUTION

SABIC, Mars Petcare and Huhtamaki successfully collaborated in the innovative pet food packaging solution for leading cat food brand SHEBA® by using certified circular SABIC® PP impact copolymer from SABIC's TRUCIRCLE™ portfolio. The complex new multi-layer film structure manufactured by Huhtamaki, uses the certified circular PP as a phthalate-free and gel-controlled film layer, which enables Mars Petcare to achieve 30% average recycled content into their SHEBA® pouch and to reduce their use of virgin plastic by around 25%.

The new packaging with the recycled content passed the tests under demanding processing conditions and approved by a vigorous cat-tasting panel as they have great organoleptic properties.



RETORT PROCESS PERFORMANCE



CERTIFIED CIRCULAR SOLUTION



PROCESSING & RELIABILITY



FOOD SAFETY & TASTE

Enabled by  
TRUCIRCLE™

[CLICK HERE](#) FOR MORE INFORMATION

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## 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:info@sabic.com)

### EUROPE

#### SABIC Europe Head Office

PO Box 5151  
6130 PD Sittard  
The Netherlands  
T +32 (46) 722 2222  
F +32 (46) 722 0000  
E [info@sabic.com](mailto: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: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 [info@sabicamericas.com](mailto:info@sabicamericas.com)

The certified products from SABIC's TRUCIRCLE portfolio are being produced through implementation of a mass balance accounting system and they are accredited under the International Sustainability and Carbon Certification Plus (ISCC) scheme.

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