

BLOW MOLDED BOTTLES FOR HOUSEHOLD AND INDUSTRIAL CHEMICALS (HIC)

SABIC

SABIC® HDPE POLYMERS

INDUSTRY CHALLENGE

The packaging industry faces ever-changing regulatory and market demands in terms of product performance, safety, sustainability, cost-effectiveness and lighter weight to reduce transportation costs and the use of plastics. The packaging material for household, industry & chemicals requires a good balance between mechanical performance and processability.

SABIC SOLUTION

SABIC® HDPE polymers for blow-molding offer strong environmental stress-cracking resistance (ESCR) and thin wall thickness, supporting weight reduction. Their good flow behavior may enable shorter cycle times, leading to higher productivity. Their good mechanical properties offer outstanding top load performance for high stack ability, leading to lower transport and storage costs. They are recyclable and available with 50% post-consumer- recycled grades, supporting circularity and reduced use of virgin material. They are also available as certified renewable grades from SABIC's TRUCIRCLE™ portfolio that is made with second-generation bio-based feedstock, supporting to reduce CO2 emissions.



MECHANICAL
STRENGTH



STRESS CRACKING
RESISTANCE



WEIGHT SAVING



PROCESSABILITY



[CLICK HERE](#) FOR MORE INFORMATION

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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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