

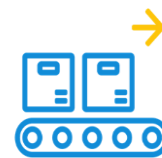
# SABIC SMALL BLOW MOLDING BOTTLE SOLUTION

## CHALLENGES IN THE INDUSTRY

- 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
- Bottles used for food packaging applications require good purity, organoleptic property and recyclability



HIGH ESCR



PROCESSABILITY



WEIGHT SAVING



MECHANICAL STRENGTH

## SABIC SOLUTION

SABIC offers a comprehensive portfolio of SABIC® HDPE polymers in mono-, bi- and multi-modal range for blow molding which offer

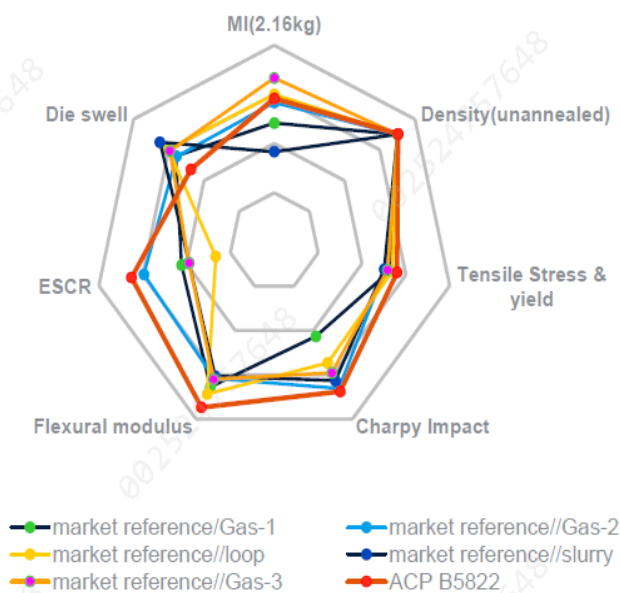
- Strong environmental stress-cracking resistance (ESCR) and thin wall thickness, supporting weight reduction.
- Good flow behavior may enable shorter cycle times, leading to higher productivity
- Good mechanical properties offer outstanding top load performance for high stack ability, leading to lower transport and storage costs



# SABIC SMALL BLOW MOLDING BOTTLE SOLUTION

## PRODUCT OFFERING

Type	Grade	MI2 (g/10min)	MI21 (g/10min)	Density (g/cm <sup>3</sup> )	Features
Unimodal	B5429	0.3	29	0.954	Good process ability, ESCR & mechanical properties
	BM6246LS	0.7	46	0.961	Designed for imparting high rigidity, toughness and good processability
Bimodal/ Multimodal	B5628	0.32	24	0.955	Offers easy flow, higher stiffness, good combination of ESCR and sufficient impact strength
	B5428	0.3	28	0.954	Exhibit high stiffness, good impact strength and good Environmental Stress-Cracking Resistance (ESCR)
	B5822 B5822M	0.3	22	0.958	Offers easy flow, higher stiffness, very good ESCR and sufficient impact strength



- Outstanding ESCR.
- Excellent stiffness
- Excellent balance of stiffness and toughness
- Lowest die swell

TM

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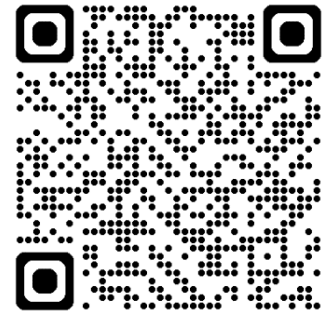
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