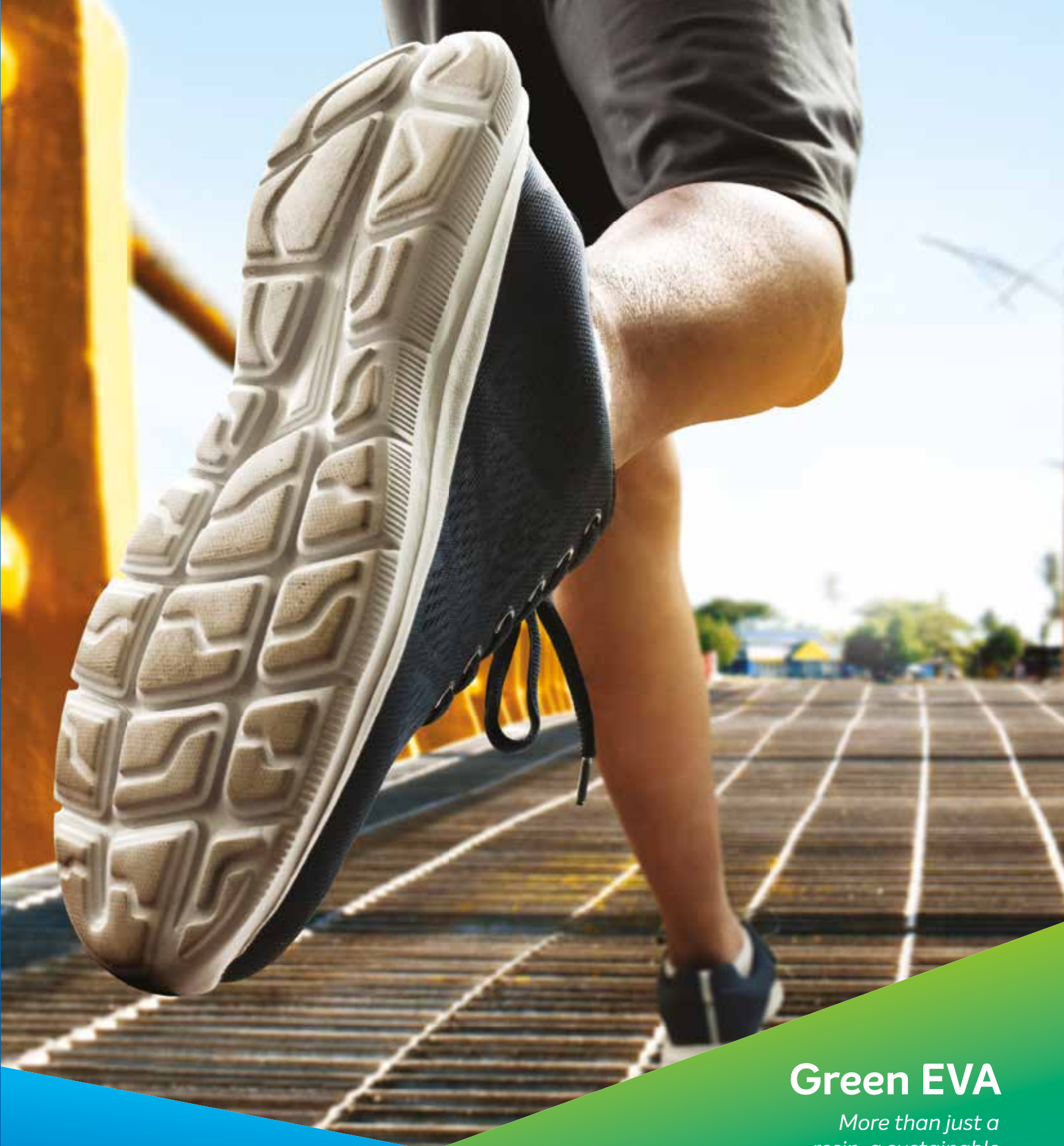


Green EVA

More than just a resin, a sustainable solution

Braskem

Green EVA

Ideal for several products, excellent for the environment

Products that offer benefits and well-being to the consumer in the same time that contribute to a better environmental impact are increasingly being needed.

*Braskem's **Green EVA** is a sustainable innovation. This resin is produced from sugarcane, a renewable source that contributes to reduce greenhouse gas emissions by CO_2 capture.*

Ideal for footwear segment, rubber and toys, among others, that want to adopt a new concept to their products.

Performance and sustainability of the composition

*Braskem's Green EVA offers the same features of a conventional resin, such as **flexibility**, **lightness** and **resistance**, while it is a innovative solution that adds value to your brand.*

Main applications and benefits

Shoes

- ✓ *Rubber soft touch*
- ✓ *Lightness*
- ✓ *Comfort*

Tatami Mats

- ✓ *Impact Dampers*
- ✓ *Good Resilience*
- ✓ *Comfort*

Sport Articles

- ✓ *Lightness*
- ✓ *Good elasticity*
- ✓ *Comfort*

Bicycle Tires

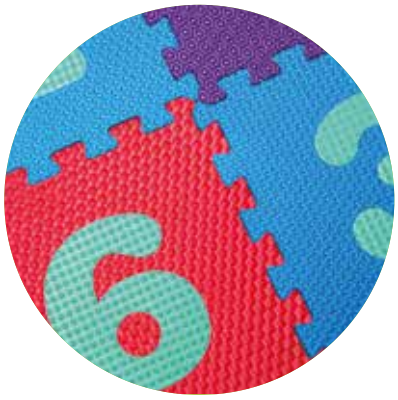
- ✓ *Good adherence*
- ✓ *Good resistance to abrasion*
- ✓ *Lightness*

EVA Sheets

- ✓ *Non-toxic*
- ✓ *Lightness*
- ✓ *Durability*

Toys and educational games

- ✓ *Non-Toxic*
- ✓ *Lightness*
- ✓ *Easily washable*



I'm green™

Green EVA, a renewable sourced resin, expands Braskem's I'm green™ portfolio

Drop-in Solution

Replaces the conventional resin without investments in new machinery for plastic transformation

Recyclable

Green EVA can be recycled in the same stream already developed for conventional EVA

Renewable Source

Produced from sugarcane, a renewable raw material

CO_2 Capture

Sugarcane absorbs CO_2 from the atmosphere, reducing the greenhouse gas emissions

Portfolio

Typical Properties	Flow Rate (190°C / 2.16 kg)	Vinyl Acetate Contents	Density	Melting Point	VICAT Softening Temperature [a]	Hardness (Shore A) [b]	Hardness (Shore D) [b]	Tensile Strength	Strain at Burst	Minimum C14 content
ASTM Method	D 1238	Braskem	D 1505/D 792	D 3418	D 1525	D 2240	D 2240	D 638	D 638	D 6866
Units	g/10 min	%	g/cm³	°C	°C	–	–	MPa	%	%
	2.1	19	0.940	86	61	89	38	19	750	70

EVA **SVT2180**

Base polymer for manufacturing expanded and reticulated foam sheets for use in the shoe industry, toys, furniture; and blending with other polymers.

Test specimens molded by compression according to ASTM D 4703. Tests performed on sheet specimens measuring 3 x 6 mm.

Typical Properties	Flow Rate (190°C / 2.16 kg)	Vinyl Acetate Contents	Density	Melting Point	VICAT Softening Temperature [a]	Hardness (Shore A) [b]	Hardness (Shore D) [b]	Tensile Strength	Strain at Burst	Minimum C14 content
ASTM Method	D 1238	Braskem	D 1505/D 792 [a]	D 3418	D 1525	D 2240	D 2240	D 638	D 638	D 6866
Units	g/10 min	%	g/cm³	°C	°C	–	–	MPa	%	%
	2.1	14	0.918	85	44	79	24	10	1644	40

EVA **Evance SVT2145R**

Thermoplastic semi amorphous resin with average Acetate Vinyl contents, easily reticulated and with good compatibility was different thermoplastics, inorganic and pigmented additives. Features excellent soft touch, good grip, good resistance to abrasion and resilience.

Test specimens molded by compression according to ASTM D 4703. Tests performed on sheet specimens of 3 x 6 mm.

FKuR

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Add competitiveness, performance and sustainability to your products. Rely on the innovation of our chemistry for a more sustainable world.

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