

PP for Extrusion & Thermoforming

Braskem 

Innovation is the tool that drives us in the pursuit of our **long-term commitments with sustainable development**

Our purpose is to improve people's lives by creating sustainable solutions through chemicals and plastics.

In line with the **UN 2030 sustainable development goals**, Braskem took on long-term goals with people and the planet in 2020. Working in three priority and four complementary dimensions, we are looking to achieve these goals through innovation.



Eliminating plastic waste



Mitigating Climate Change



Social Responsibility & Human Rights

Braskem's **ecosystem Wenew** is aimed at driving the **circular economy**. Through mechanical and chemical **recycling**, Wenew offers a portfolio of recycled polyethylene (rPE), polypropylene (rPP), ethylene-vinyl acetate (rEVA) and polyvinyl chloride (rPVC) resins uniting high quality, performance, and sustainability.



All our polypropylene grades are available with **ISCC+ certification**, using the **mass balance method with bio, circular or bio-circular feedstocks***, ensuring sustainability and traceability across the supply chain.

Extrusion & Thermoforming

Braskem offers a comprehensive portfolio of **homopolymer, copolymer and random PP resins**. Exhibiting **well-balanced stiffness and toughness**, it is fit to use for special applications like **hot filling**. The availability includes options with **high transparency** or a **low gel level**, that are fit for different packaging applications requiring **transparency, modified atmosphere packaging and low temperature packaging**. Braskem's comprehensive portfolio helps customers develop innovative, cost-effective closures with reliable processing and consistent quality, **creating value throughout the entire supply chain**.



Unblended Applications



Confectionary Packaging

Braskem provides packaging solutions for confectionery applications that combine **high clarity with design versatility**. Based on blended and unblended resins, these solutions support customized packaging designs while fulfilling performance, safety, and shelf-life requirements.

Customizable Blends and Grades



MAP (modified atmosphere packaging)

Braskem's advanced resin blend solutions bring together the best properties of multiple grades to optimize packaging performance. Our **modified atmosphere packaging solutions** help extend shelf life and reduce product waste, contributing to sustainability goals. Our polypropylene solutions also meet regulatory requirements while helping maintain the original taste, aroma, and visual appeal of packaged products.



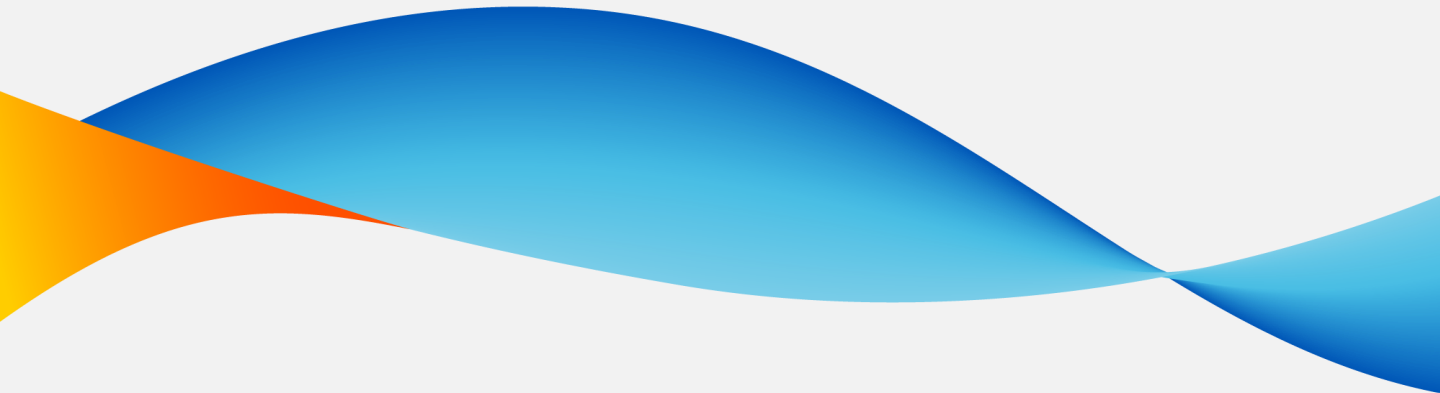
"Flexible" MAP (modified atmosphere packaging)

For irregular formed and rigid products, Braskem offers flexible modified atmosphere packaging solutions. The film **conforms** closely to the product's shape, helping to extend shelf life by reducing spoilage. **Excellent clarity** and presentation characteristics enhance product visibility and create an appealing appearance at the point of sale.



Typical Properties		Melt Flow Index (230°C / 2,16 Kg)	Flexural Modulus	Notched Charpy Impact Resistance @23°C	Notched Charpy Impact Resistance @-20°C	Haze *	Additives **
	Method	ISO 1133	ISO 178	ISO179	ISO 179	ASTM D1003	-
	Units	g/10 min	MPa	kJ/m²	kJ/m²	%	-
HOMO	Inspire 215	2.1	1700	5	-	32	N, AS
		High-performance homopolymer with good balance of stiffness and toughness, nucleated and antistatic					
	F030HC	3.3	2150	3.5	-	-	N
		Superior stiffness, nucleated, high temperature resistance and organoleptic properties					
RACO	Inspire 318	1.7	900	22	-	10	N
		High performance clarified Random, low haze, low gel, high gloss					
COPO	Inspire 122	2.2	1400	50	-	30	N, AS
		Improved optics while maintaining mechanical properties , nucleated and antistatic.					
	DC7056.05	3.5	1000	14	4	-	-
		Superior toughness , especially at low temperatures; good gel level, non-nucleated, non antistatic					

*Injection molded specimen according to ISO 294. **Additives: N = Nucleated/Clarified, AS = Antistatic, CR = Controlled Rheology; S = Slip Agent



Braskem

Global Presence

With a **global, human-oriented vision of the future**, Braskem strives every day to improve people's lives by creating sustainable solutions in chemistry and plastics. Braskem is the largest producer of thermoplastic resins in the Americas and a **global leader in the production of biopolymers on an industrial scale**.

Our products are exported to some **70 countries** and we count on 40 Industrial units, located in Brazil, the United States, Germany and Mexico (in partnership with Mexican company Idesa). For more information, visit www.braskem.com.



Clients in
more than
70
countries

More than
8.500
team
members

6th
largest producer in PE,
PP and PVC

#1 producer PE, PP and PVC
in the Americas

#1 PP producer in North America

#1 PE, PP and PVC producer
in Latin America

40
industrial units:


29 plants


4 plants


5 plants


2 plants

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