Co-creating the future for films

Polypropylene solutions for flexible applications

Braskem

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

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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

An **ecosystem** developed to represent Braskem's **products, technologies** and **initiatives** that **help drive the circular economy**.

WENEW

I'm green™ BIO-BASED

A portfolio of products **made from sugarcane** that **captures CO_2** from cradle-to-gate, helping **mitigate climate change.**

ISCC International Sustainability & Carbon Certification

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.

Braskem's polypropylene is a **versatile and reliable material** used in various **flexible packaging applications,** including food packaging, pouches, films, and laminations. Engineered with **specialized additives and stabilizers,** our polypropylene solutions are designed to meet the unique requirements of manufacturers, **delivering cost-effective**, innovative solutions **that improve packaging flexibility, barrier properties, and product freshness.**

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*www.iscc-system.org/certification/iscc-documents/iscc-material-lists/

Blown Film

Blown film applications benefit from Braskem's polypropylene grades, offering excellent processability, mechanical strength, and optical clarity. Our PP products are ideal for films requiring high durability, puncture resistance, and balanced stiffness, making them suitable for food packaging and industrial applications.

INSPIRE 137

Performance Impact Copolymer for films with an excellent balance between stiffness and tear resistance.

Key benefits:

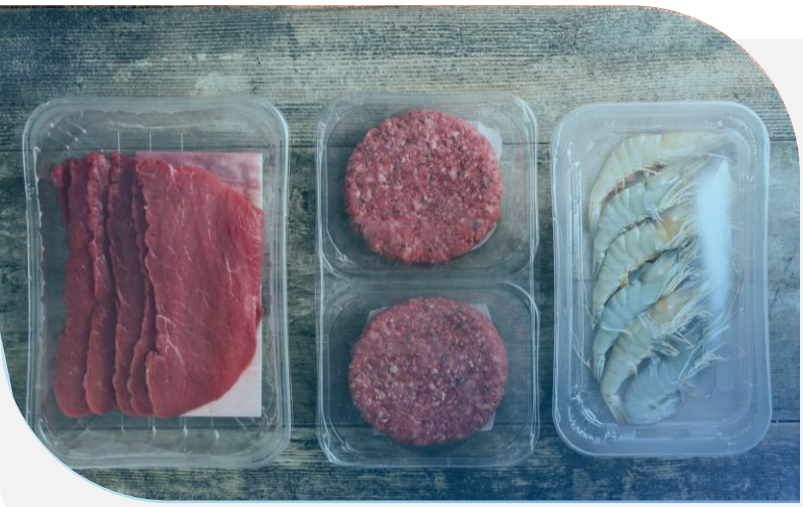
- Very low gel content and excellent melt strength
- Perfect stiffness/toughness balance coupled with excellent temperature resistance
- Suitable for siliconized and retortable food packaging films

INSPIRE 007

Soft Impact Copolymer combines the advantages of two product families.

Key benefits:

- Low gel content for high quality films
- Seal integrity combined with excellent mechanical film properties
- For breathable film compounds and retortable food packaging films



Cast Film

Braskem's polypropylene for cast film delivers outstanding processing efficiency, exceptional clarity, and consistent thickness control. Our PP solutions provide the strength, flexibility, and sealability essential for high-quality packaging films used in applications such as lamination, food wraps, and flexible packaging.

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BLOWN FILM

		Melt Flow Index (230 °C / 2,16 kg)	Flexural Modulus	Melting/Vicat Temperature	Controlled Rheology	Additives **	CaSt
	Method	ISO 1133	ISO 178		-	-	-
	Units	g/10 min	MPa	°C	-	-	-
RANDOM	INSPIRE 318	1,8	900	142/125	no	-	yes
		superior optical properties, low level of gels and softness - **multilayer structures, sealant and lamination films**					
ICP	INSPIRE 137	0,8	1000	163/146	no	-	no
		excellent stiffness/toughness balance, melt strength and very low level of gels - **stand up pouch film, multilayer structures, siliconised, technical and lamination films**					
	DC7056.05	3,5	1050	166/148	no	-	yes
		booster for mechanical properties, low level of gels, retortable - **lamination films, stretch films, stand up pouch films**					
SPECIALTY	INSPIRE 007	0,8	600	140/123	no	-	no
		softness, high toughness, good mechanical resistance at low temperatures and very low level of gels - **soft films, breathable films**					
	INSPIRE 114EU	0,5	1400	167/155	no	-	yes
		outstanding melt strength, high stiffness and impact resistance - **foamed films, labels and tags**					

Additives: AB = Antiblocking, S = Slip Agent, AGF = Antigasfading

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CAST FILM

		Melt Flow Index (230 °C / 2,16 kg)	Flexural Modulus	Melting/Vicat Temperature	Controlled Rheology	Additives **	CaSt
	Method	ISO 1133	ISO 178		-	-	-
	Units	g/10 min	MPa	°C	-	-	-
HOMO	H357-09RSB	9,5	1400	163/155	yes	S, AB	yes
		high stiffness and heat resistance, sterilisable - **food packaging, stationary films and general packaging**					
	DH362.01	9,5	1400	163/154	yes	S	yes
		high stiffness and heat resistance, sterilisable - **food packaging, stationary films and general packaging**					
	HSP165G	16,5	1500	164/155	yes	AGF	yes
		high stiffness and heat resistance, sterilisable and easy flow - **food packaging, stationary films and general packaging**					
RANDOM	INSPIRE 318	1,8	900	142/125	no	-	yes
		superior optical properties, low level of gels and softness - **multilayer structures, sealant and lamination films**					
	RSP080R	8,0	700	139/130	yes	-	yes
		excellent optical properties and high toughness and sealing properties - **food packaging, lamination films, textile packaging and stretch films**					
ICP	DC015.02	1,5	1300	166/151	no	-	yes
		excellent stiffness/toughness balance, low level of gels, retortable - **lamination films, MDO films, stand up pouch films**					
	DC7056.05	3,5	1050	166/148	no	-	yes
		booster for mechanical properties, low level of gels, retortable - **lamination films, stretch films, stand up pouch films**					
	DC7057.02	8,5	1150	165/150	no	-	yes
		excellent stiffness/toughness balance and good mechanical resistance at low temperatures - **lamination films**					

Additives: AB = Antiblocking, S = Slip Agent, AGF = Antigasfading

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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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