Handling and Storage Solutions

Braskem

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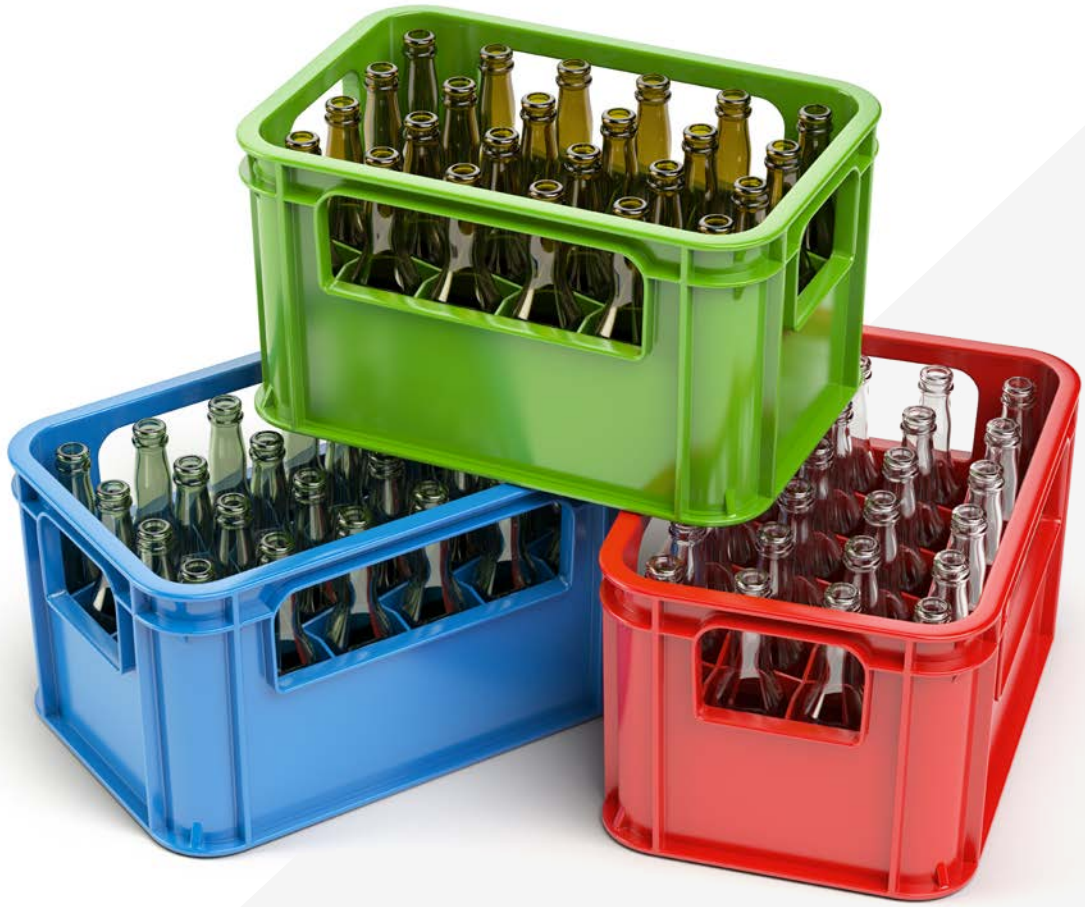
Braskem offers a comprehensive portfolio of plastic resins developed for the Material Handling and Storage segments, providing solutions that combine strength, durability, and versatility for a wide range of applications.

Braskem's materials meet the demands of the most complex markets and applications, ranging from beverage crates to solutions for handling, logistics, and agricultural use.



HDPE

	Melt Flow Rate (190 °C/2,16 kg)	Density	Flexural Modulus 1% Secant	Notched Izod Impact Strength 23 °C	UV Stabilizer	Description
ASTM METHOD	D 1238	D 1505/D 792	D 790A	D 256 A		
UNITS	g/10 min	g/cm³	MPa	J/m		
HC7260LSL	7.2	0.959	1375	35	Yes	It offers excellent stiffness and good impact resistance, making it ideal for applications that require mechanical performance and dimensional stability.
HD7255LSL	4.5	0.954	1150	40	Yes	HD7255LSL offers excellent processability and good mechanical properties. It's recommended for use in frozen product packaging boxes.
IA59	7.3	0.960	1250	75	No	This product features high stiffness, excellent impact resistance, good processability, and low warpage.
JV060U	7.0	0.957	1350	40	Yes	JV060U exhibits excellent stiffness and dimensional stability, along with good processability, mechanical strength, and impact resistance.

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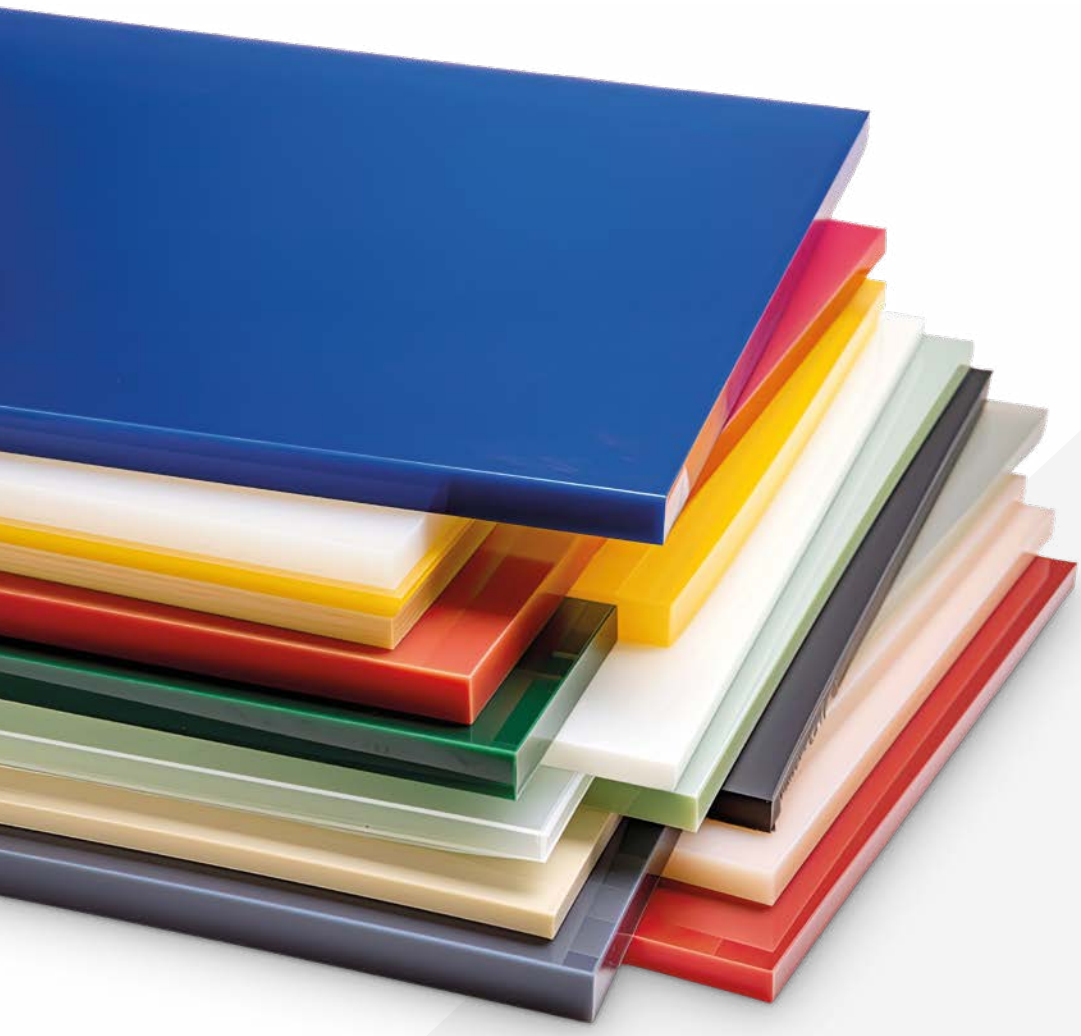
	Melt Flow Rate (190 °C/2,16 kg)	Flexural Modulus 1% Secant	Izod 23 °C	Izod -20 °C	Description
ASTM METHOD	D 1238	D 790	D 256		
UNITS	g/10 min	MPa	J/m		
CG 210NA	22	1500	60	35	CG210NA is a medium melt flow index polypropylene-ethylene copolymer developed for the production of technical parts requiring high stiffness and good impact resistance. It also provides excellent surface finish.
EP 440P	17	1100	130	60	It is a medium melt flow heterophasic copolymer that offers an excellent balance of processability, impact resistance, and stiffness.
CP 284R	14	1000	>250	80	CP 284R is a heterophasic ethylene-propylene copolymer specially designed for injection molding of buckets and containers that require an excellent balance between impact resistance and stiffness. This product offers outstanding processability and productivity.
EP 440P	12	1050	140	65	This heterophasic ethylene copolymer was specially developed for injection molding of buckets, battery cases, and toys. It offers an excellent balance of processability, impact resistance, and stiffness.
CP 396XP	11	850	No break	100	CP 396XP is a heterophasic copolymer developed for injection molding applications, offering an excellent balance of processability and stiffness, along with outstanding impact resistance.
CP 442XP	6	1100	170	50	This is a medium melt flow heterophasic propylene-ethylene copolymer recommended for injection molding. It offers an excellent balance of stiffness and impact resistance, along with a superior surface finish and good processability.

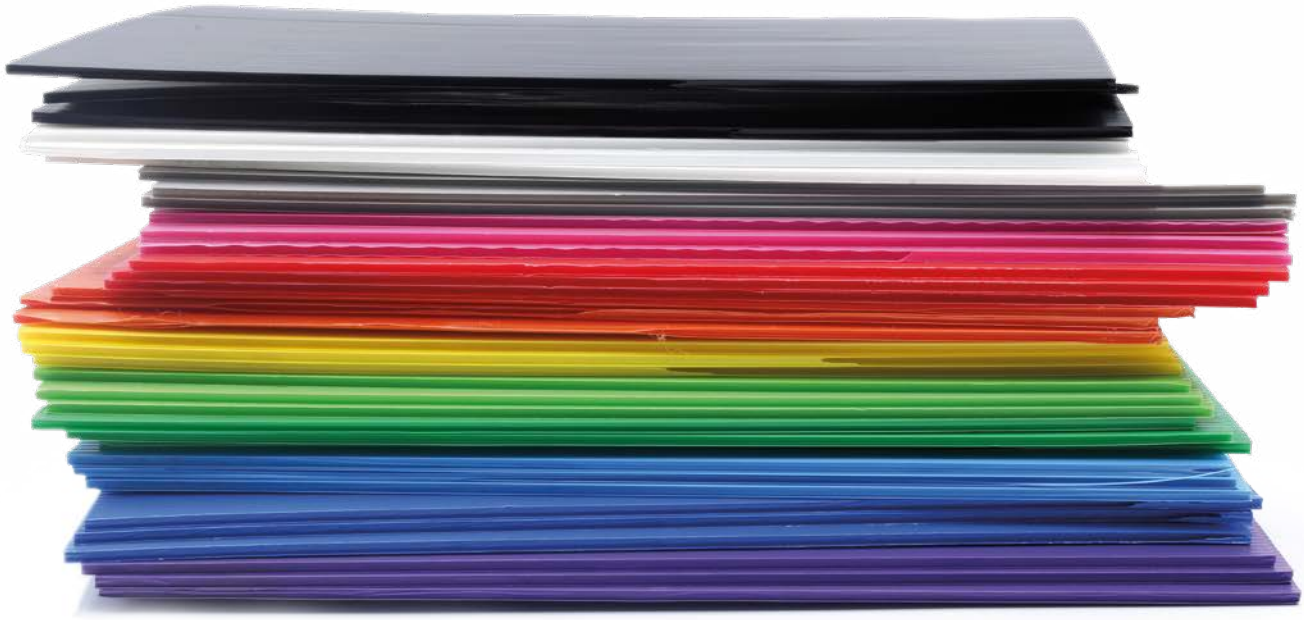
Sheets

Braskem offers a wide range of polypropylene and polyethylene resins specifically developed for the production of solid and hollow sheets. These materials are engineered to meet diverse technical requirements, including high mechanical strength, excellent dimensional stability, and optimized processability. Whether for applications in signage, packaging, construction, or automotive components, Braskem's solutions ensure consistent performance, durability, and adaptability to various thermoforming and extrusion processes.



HDPE

	Melt Flow Rate (190 °C/ 2,16 kg)	Density	Flexural Modulus 1% Secant	IZOD	Description
ASTM METHOD	D 1238	D 1505/D 792	D 790A	D 256 A	
UNITS	g/10 min	g/cm^3	MPa	J/m	
BS002W	0.3	0.959	1400	100	BS002W is a high-density polyethylene (HDPE) copolymer designed for thin-wall packaging applications. Designed for demanding applications, the material combines mechanical strength, impact durability, surface aesthetics, and a bright white appearance.
ES6004	0.35	0.960	1450	100	ES6004 is a high-density polyethylene (HDPE) homopolymer developed for blow molding and sheets applications. It offers high stiffness combined with an excellent surface finish.
HS5502	0.35	0.954	1250	95	HS5502 is a high-density polyethylene (HDPE) copolymer that offers excellent processability. Bottlesand sheets produced with this material exhibit outstanding stiffness and impact resistance.



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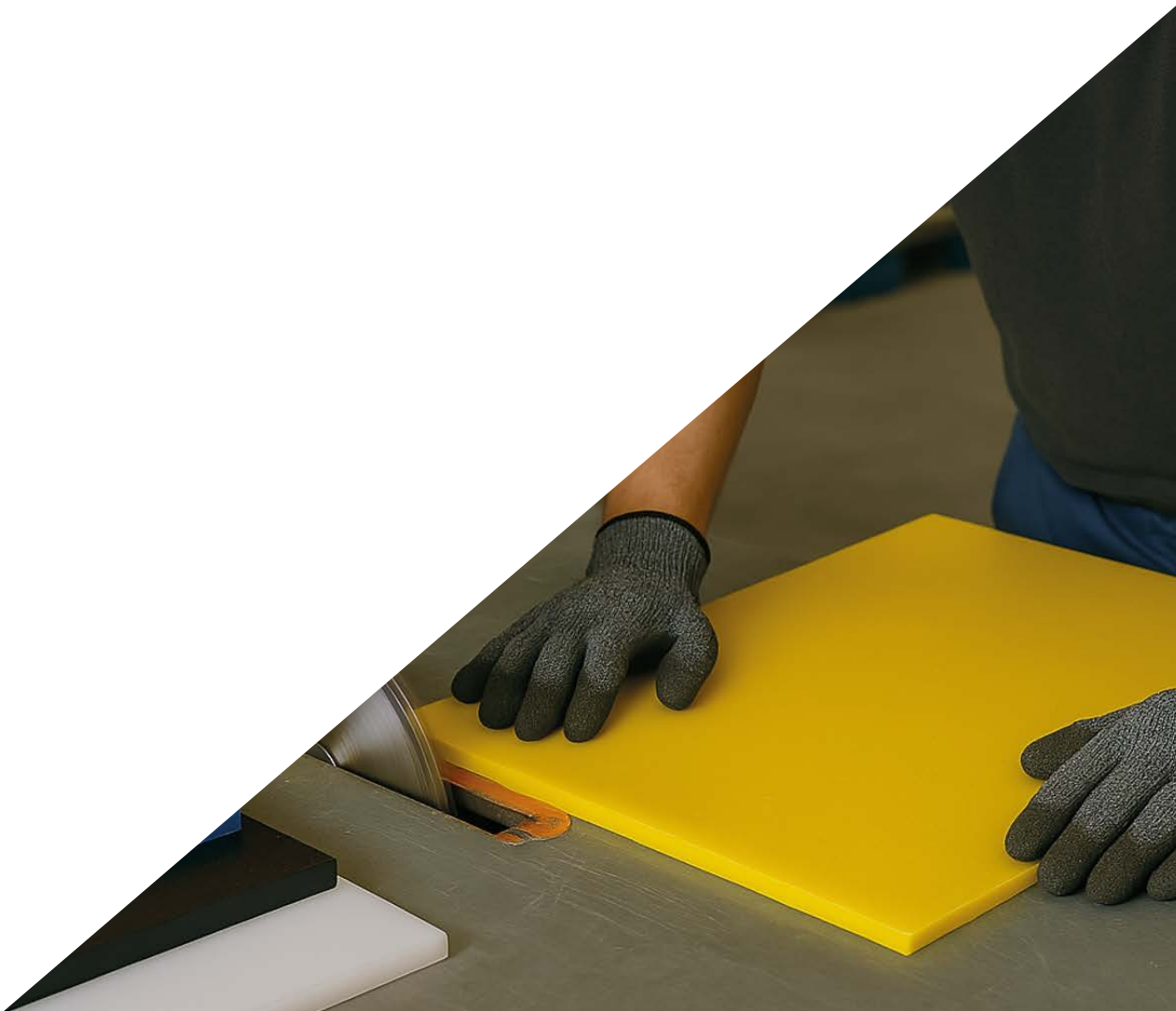
		Melt Flow Rate (190 °C/2,16 kg)	Flexural Modulus 1% Secant	Izod 23 °C	Izod -20 °C	Description
ASTM METHOD		D 1238	D 790	D 256		
UNITS		g/10 min	MPa	J/m		
PP HECO	CP 741	0.8	900	>400	50	CP 741 is a heterophasic copolymer of propylene and ethylene with a low melt flow index. It features a broad molecular weight distribution and contains additives for general-purpose applications. CP 741 offers low odor and taste transfer, high melt strength, good processability, and excellent impact resistance.
PP HOMO	H 603	1.5	1300	40	-	H 603 is a low melt flow index polypropylene resin, additivated for general-purpose use, recommended for blow molding and general extrusion processes. It offers good processability, high melt strength, an excellent stiffness/impact balance, and low taste and odor transfer.
	H 604	1.5	1350	50	-	H 604 is a low melt flow index polypropylene resin, additivated to achieve high transparency. It is recommended for thermoforming, blow molding, and general extrusion applications. H 604 offers excellent processability and productivity, a good stiffness/impact balance, high melt strength, outstanding transparency, and low taste and odor transfer.
	HP 500D	0.7	1300	50	-	HP 500D is a low melt flow index polypropylene homopolymer that offers high stiffness and excellent impact resistance.



I'm green™
BIO-BASED

PE produced from sugarcane, a renewable source that helps reduce the carbon footprint without compromising performance or processability.

Drop-in Solution
Replaces conventional resin without requiring adjustments to machinery or processing methods.

Recyclable
Can be recycled through the same streams already used for conventional PEAD.

Renewable Source
Produced from sugarcane, a renewable raw material.

CO_2 Capture
Sugarcane captures CO_2 from the atmosphere, helping reduce greenhouse gas emissions.

HDPE I'm green™ bio-based - Storage

	Melt Flow Rate (190 °C/2,16 kg)	Density	Flexural Modulus 1% Secant	IZOD	UV Stabilizer	Description
ASTM METHOD	D 1238	D 1505/D 792	D 790	D 256		
UNITS	g/10 min	g/cm³	MPa	J/m		
SHC7260LSL	7.2	0.959	1375	35	Yes	It offers excellent stiffness and good impact resistance, making it ideal for applications that require mechanical performance and dimensional stability.
SHC7260	7.2	0.959	1375	35	No	It offers excellent stiffness and good impact resistance, making it ideal for applications that require mechanical performance and dimensional stability.

HDPE I'm green™ bio-based - Sheets

	Melt Flow Rate (190 °C/2,16 kg)	Density	Flexural Modulus 1% Secant	IZOD	Description
ASTM METHOD	D 1238	D 1505/D 792	D 790	D 256	
UNITS	g/10 min	g/cm³	MPa	J/m	
SGF4950	0.36	0.956	1350	150	SGF4950 is a high-density polyethylene (HDPE) copolymer designed for thin-wall packaging applications.

LDPE I'm green™ bio-based - Sheets

	Melt Flow Rate (190 °C/2,16 kg)	Density	Flexural Modulus 1% Secant	IZOD	Description
ASTM METHOD	D 1238	D 1505/D 792	D 790	D 256	
UNITS	g/10 min	g/cm³	MPa	J/m	
SBF0323HC	0.32	0.923	260	30	SBF0323HC is a low-density polyethylene (LDPE) designed for squeeze bottle.

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