

Driven to provide new levels of performance and innovation

Polypropylene for Automotive & Compounding



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

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



A portfolio of products made from sugarcane that captures CO₂ from cradle-to-gate, helping **mitigate climate change.**



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.

From bumpers and safety relevant parts to under-the-hood components, **our polypropylene is a versatile material used across a wide range of automotive applications.** As a base resin, it is modified with fillers, colorants, and stabilizers to meet the specific requirements of Tiers and OEMs, delivering cost-effective, innovative design solutions that enhance vehicle safety, durability, and performance.



*<https://www.iscc-system.org/certification/iscc-documents/iscc-material-lists/>



High Impact PP Copolymers

Our globally available high impact copolymers enable the production of previously unattainable balance of high toughness and stiffness compounds.

CP396XPD

CP284RD

CP295D

TI8300CD

Key benefits:

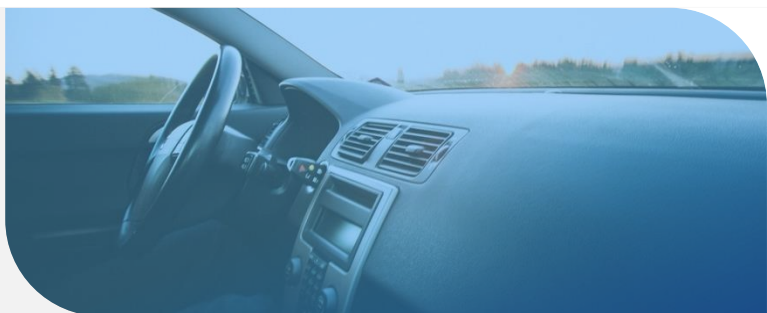
- Improved toughness and flowability
- Improved impact properties for high mineral filled compounds
- Higher toughness for FR compounds

High Stiffness PP Homopolymers

Developed for the automotive compounding market, our high crystallinity homopolymers provide premium levels of stiffness, flowability, compounding flexibility, and performance.

Key benefits:

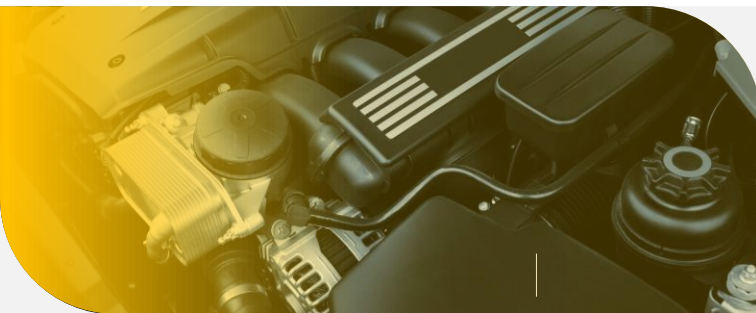
- Wide range of melt flow rates
- Enabling higher HDT performance
- High crystallinity



F030HC

F350HC

F1000HC2



Low Emission⁽¹⁾ & Fogging, High Melt flow PP Copolymers

Low emission impact copolymers meet VDA277 and VDA278 automotive standards. The latest DC705LE.01⁽²⁾ (MFR 44) enables the development of low emission compounds with a broad MFR range for automotive applications.

CG150V

DC705LE.01

Low emission is attainable **without**:

- Specialized compounding lines
- Additional treatment after production
- Adding expensive additives

⁽¹⁾ All PP grades are available in low emission variants

⁽²⁾ Grade currently under development. For more information, please contact our technical or commercial team

		Melt Flow Index (230 °C / 2,16 Kg)	Flexural Modulus	Notched Charpy Impact Resistance @23 °C	Strength at Yield	Additives *
	Method	ISO 1133	ISO 178	ISO 179	ISO 527-1	-
	Units	g/10 min	MPa	kJ/m ²	MPa	-
Extrusion	DP008H.02	0,8	1500	7	33	-
		enhanced process stabilization , high melt strength , excellent rigidity				
	INSPIRE 215	2,1	1700	5	36	N, AS
		superior stiffness/impact balance , high temperature resistance , excellent optical/organoleptic properties				
Stiffness	F030HC	3,3	2150	3,5	40	N
		high crystallinity for superior stiffness, high temperature resistance , improved VOC performance				
	F350HC	35	2000	2,5	40	N
		high crystallinity for superior stiffness, high temperature resistance , improved VOC performance				
	F1000HC2	110	2200	1,5	41	N
		high crystallinity for superior stiffness, high temperature resistance , improved VOC performance , very high flowability				
General	DHSP120.01	12	1650	3,5	39	AS
		balanced physical properties , excellent flowability , short cycle times				
	HSP165G	16,5	1500	3,5	34	AGF
		high stiffness and heat resistance , anti gas fading				
	HSP250NA	25	1650	3	36	N, AS
		high stiffness and heat resistance , low warpage and short cycle times				
	H734-52RNA2	52	1700	2,5	35	N, AS
		balanced physical properties , easy processing , low warpage , thin wall injection molding , short cycle times				

*Additives: N = Nucleated, AS = Antistatic, AGF= Anti-gas fading



		Melt Flow Index (230 °C / 2,16 Kg)	Flexural Modulus	Notched Charpy Impact Resistance @23 °C	Notched Charpy Impact Resistance @-20 °C	Additives *
Method		ISO 1133	ISO 178	ISO 179	ISO 179	
Units		g/10 min	MPa	kJ/m²	kJ/m²	-
Extrusion	CSP030N	0,3	1300	70	6	N
		high molecular weight, low melt flow, very high impact resistance				
	INSPIRE 118	0,3	1750	60	2,5	N
		high molecular weight, low melt flow, very high stiffness				
	INSPIRE 114	0,5	1500	65	4,5	-
		high molecular weight, high melt strength				
High Impact	CP396XPD	11	1000	60	10	N
		high stiffness and very high impact resistance, especially at low temperatures				
	CP284RD	14	1150	52,5	6,5	N, AS
		superior balance of stiffness and toughness, excellent impact strength				
	CP295D	20	750	58	8	-
		high flow and high impact resistance				
	TI8300CD	30	1000	57	8,5	N
		high flow and high impact resistance, superior low temperature drop impact				
High Stiffness	DCD600NQ.01	60	700	15	7,5	N
		high flow and superior low temperature drop impact				
	TI2150C	15	1620	7,2	2,9	N
		high stiffness, suppressing tiger marking				
	CG350N	35	1500	7,2	3,5	N
		high flow copolymer with good mold fill ability				
	TI2900C	110	1600	3,9	2,1	N
		high stiffness, suppressing tiger marking, high flow				

*Additives: N = Nucleated, AS = Antistatic, AGF= Anti-gas fading

		Melt Flow Index (230 °C / 2,16 Kg)	Flexural Modulus	Notched Charpy Impact Resistance @23 °C	Notched Charpy Impact Resistance @-20 °C	Additives *
	Method	ISO 1133	ISO 178	ISO 179	ISO 179	
	Units	g/10 min	MPa	kJ/m ²	kJ/m ²	-
Low emission	CG150V	15	1100	11	6	-
		low emissions copolymer (acc. VDA277, 278) for automotive interior applications				
	DC705LE.01	44	1450	7	4	N, AS
		low emissions copolymer (acc. VDA277, 278) for automotive interior applications				
High Meltflow	CD700NAQ	70	1200	8	3,5	N, AS
		high flowability , high impact strength at low temperature , low shrinkage & warpage				
	CG700NA	70	1350	6	3,5	N, AS
		high flowability , good balance of mechanical properties even at low temperature, good organoleptics				
	C7069-100NA	100	1400	4	2,5	N, AS
		very high flowability , excellent balance of mechanical properties , short cycle times				
General	C715-12NHP	12	1450	10	4,5	N
		high stiffness and impact strength				
	C765-15NA	15	1200	12	6,5	N, AS
		good balance of stiffness and toughness , very low shrinkage , very high elongation at break				
	C706-21NAHP	21	1450	8	4,5	N, AS
		high stiffness and high impact resistance , excellent antistatic properties				
	C7082-30NA	30	1300	8,5	5	N, AS
		excellent balance of mechanical properties combined with good flow				
	C705-44NAHP	44	1450	7	4	N, AS
		high flowability , superior stiffness , good impact performance				

*Additives: N = Nucleated, AS = Antistatic, AGF= Anti-gas fading



► BATTERY

			Melt Flow Index (230 °C / 2,16 Kg)	Flexural Modulus	Tensile Modulus	Tensile Strength at yield	Notched Charpy Impact Resistance @23 °C	Notched Charpy Impact Resistance @ -20 °C	Vicat (A50)	HDT B (0,45 MPa)	Additives *
		Method	ISO 1133	ISO 178	ISO 527	ISO 527	ISO 179	ISO 179	ISO 306	ISO 75	
		Units	g/10 min	MPa	MPa	MPa	kJ/m²	kJ/m²	°C	°C	-
Injection Molding	DCSP50.02	5,5		1300	1200	26	30	6,5	151	88	N
		excellent heat resistance, very high impact resistance									
	CSP70H	7		1450	1350	28	9	4	152	90	-
		excellent long term heat stabilization, good weldability									

*Additives: N = Nucleated, AS = Antistatic, AGF= Anti-gas fading

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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braskem.com

