



**Polypropylene
for the Production
of Household
Appliances**

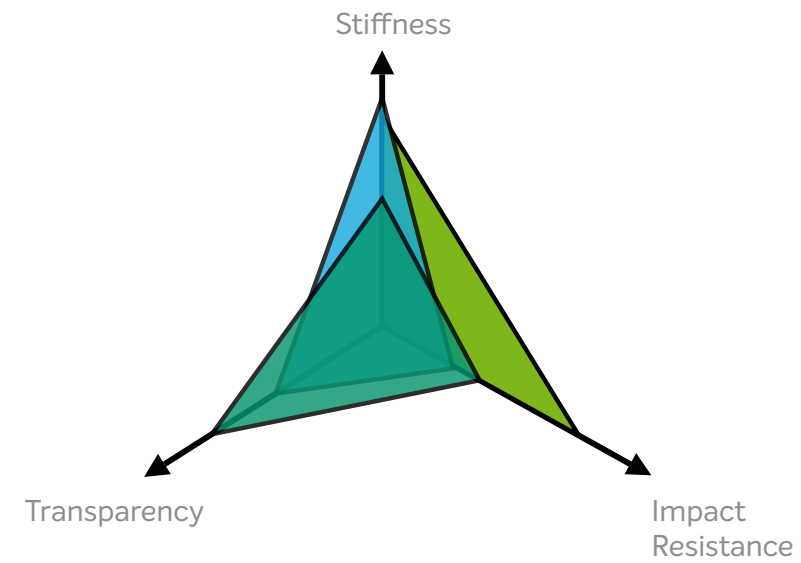
Products and Main Applications

The household appliances segment is characterized by its need for constant renewal. Polyolefins meet this demand by delivering performance, high productivity, and competitiveness.

To provide products that enable customers to innovate, Braskem offers a portfolio of well-established grades and new resins with a unique balance of properties that meet and exceed current demands and trends in the electronics sector.

This sector is divided into white goods, portable appliances, and electrical products.

Main Features



Portable Appliances

Electronics

Main Applications

Showers

White Goods

Properties Table

Family	Grade	Nominal Melt Flow (230 °C/2,16 kg)	Shrinkage	Flexural Modulus 1% secant	Tensile Strength at Yield	Elongation at Yield	Rockwell Hardness	Notched Izod Impact Strength at 23°C	Notched Izod Impact Strength at -20°C	Heat Deflection Temperature(455 kPa)
HOMO	Units	g/10 min	MD/TD, %	MPa	MPa	%	R Scale	J/m		°C
	H503	3,5	2,0 / 1,5	1300	35	11	97	30	-	98
	H301	10	1,7 / 1,6	1350	34	11	98	25	-	103
	H201	20	1,6 / 1,6	1400	35	10	100	20	-	110
	HP550R	24	1,6 / 1,6	1300	35	10	99	20	-	100
	HP648S	40	1,8 / 1,8	1400	37	9	103	20	-	110
	PT400NA	40	2,1 / 1,9	1600	39	9	100	20	-	117
	H 117	45	1,9 / 2,1	1700	38	7	105	20	-	123
RACO	H 107	80	1,6 / 1,8	1550	38	8	106	20	-	110
	RT100N	10	2,2 / 1,7	950	30	14	83	55	-	80
	Prisma 3410	10	2,1 / 1,9	1050	30	13	83	45	20	80
	RP340R	25	2,0 / 1,7	1000	30	14	84	50	-	78
HECO	Prisma 1410	40	2,5 / 1,9	1000	29	14	79	50	15	81
	CP442XP	6	1,5 / 1,5	1100	24	7	79	170	50	93
	CP401HC	6	1,9 / 2,0	1700	34	6	99	55	20	125
	EP440L	6	1,4 / 1,3	1050	24	6	60	NB	75	85
	CP241	20	1,7 / 1,7	900	22	9	69	150	35	84
	EP448R	26	2,0 / 1,6	1050	23	5	67	110	55	97
	CP202XP	26	2,0 / 2,0	1500	32	6	98	55	25	121
	CP141	43	1,9 / 1,8	1200	26	5	83	95	50	110
	EP548S	46	1,3 / 1,5	1250	27	6	-	75	45	108

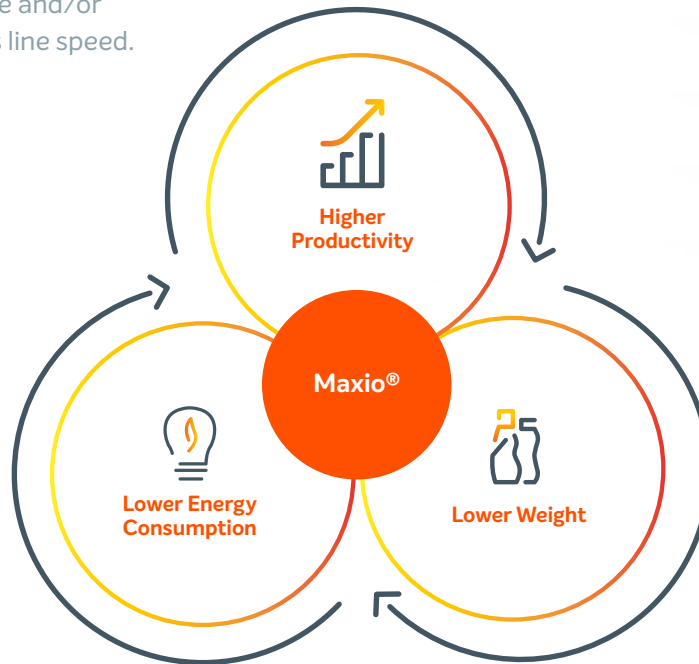
Maxio® Line

Maxio® is a label that certifies resins within Braskem’s portfolio that have a lower environmental impact in their applications.



Reduces production cycle time and/or increases line speed.

Uses less energy per ton of processed resin and reduces equipment maintenance costs.



Enables the production of thinner products while maintaining mechanical strength.



PP Type	Braskem Grade	Nominal Melt Flow (230 °C/2,16 kg)	Shrinkage	Flexural Modulus 1% secant	Tensile Strength at Yield	Elonga on at Yield	Rockwell Hardness	Notched Izod Impact Strength at 23°C	Notched Izod Impact Strength at -20°C	Heat Deflec on Temperature (455 kPa)
PP	Units	g/10 min	MD/TD, %	MPa	MPa	%	R Scale	J/m		°C
	FT120WV	12	1,8/1,9	1655	39	8	106	37	-	120
	H 202HC	23	1,8/2,1	1950	41	7	109	20	-	127



Wenew Portfolio

Discover our circular solutions.

Braskem's circular products are the result of recycling processes and plastic waste recovery.

For the household appliances segment, we offer a portfolio that is constantly growing, driven by research and development to meet the needs of a changing world and support our customers in achieving their sustainability goals.

PP Type		Nominal Melt Flow (230 °C/2,16 kg)	Flexural Modulus 1% Secant	Notched Izod Impact Strength at 23°C
PCR	Units	g/10 min	MPa	J/m
	RPP237 BK6	24	1000	50
	RPP237 BK7	12	1250	40
	DPR 013AW	22	1150	40
	DPR 007B	12	1000	40



- 1) Check product availability in your region with our commercial team.
- 2) It is the sole responsibility of the Customer/Buyer to verify the suitability of the products and their use for the intended application, ensuring compliance with the legal and regulatory requirements applicable to the final product.
- 3) Any technical guidance provided by Braskem regarding the product does not constitute a guarantee of performance for the intended application, nor does it exempt the Customer/Buyer from the responsibilities described in item 2 above.
- 4) Any information regarding product use does not mean that Braskem is aware of or has validated the Customer/Buyer's production process or the suitability of the product for its intended application. All warranties of suitability of the product for a particular purpose, whether express or implied, are expressly excluded.
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