



► **Rigid Packaging & Consumer Goods**
Injection Molding
EU Portfolio

Braskem



► Rigid Packaging & Consumer Goods Injection Molding

Braskem offers a wide range of products for injection molding applications that features good processing, excellent mechanical and optical properties and high flexibility for innovative designs.

The products feature high melt flow rates, which enable:

- Optimization of cycle times;
- Flexibility for product design.

In addition, the transparent products are better suited for use in containers for food storage and organizers.

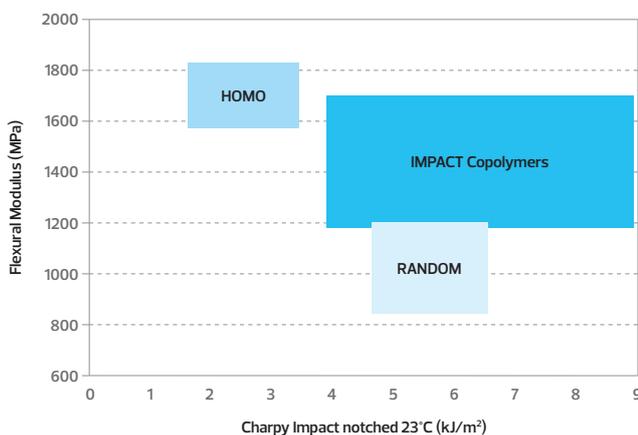
Braskem's polypropylene also features good mechanical properties, ensuring the useful life of finished items.

Inspire 364 and Inspire 382 are random copolymers with high melt flow rates developed for the injection of parts and packaging with excellent transparency. The products feature excellent processing characteristics, high productivity and an excellent balance between stiffness and impact resistance.

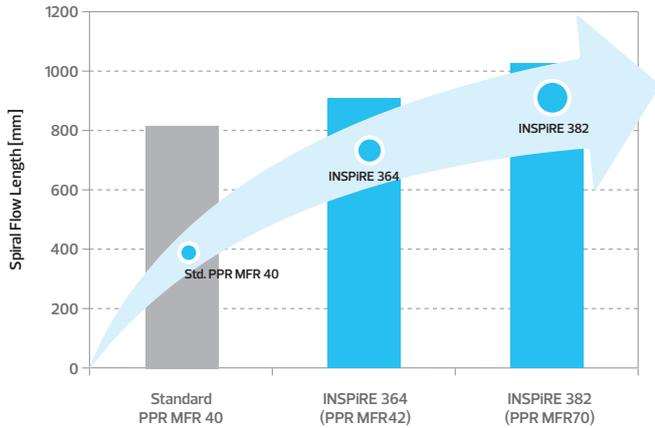
DH789.01 is a high flow homopolymer with excellent taste & odor

C705-44NA HP presents a very good stiffness-toughness balance and good organoleptic properties

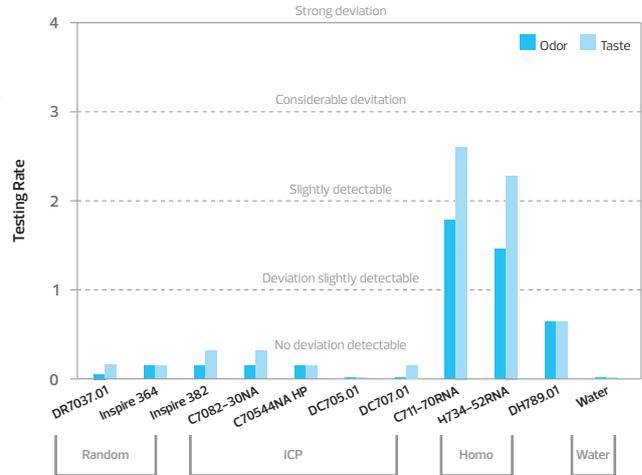
Stiffness-Toughness Balance



Random Copolymers – Flow Behavior



Taste & Odor Performance



Grade	MFR	Density	Flexural Modulus	Tensile Stress	Tensile Strain	Charpy Notched Impact Strength (23°C)	Charpy Notched Impact Strength (0°C)	Charpy Notched Impact Strength (-20°C)	Heat Deflection Temperature - under load (66 psi (0.45 MPa))	Haze (39.4 mil (1000 µm))
ISO Method	ISO 1133	ISO 1183	ISO 178	ISO 527-2	ISO 527-2	ISO 179-1/1eA	ISO 179-1/1eA	ISO 179-1/1eA	ISO 75-2/B	ASTM D1003
Units	g/10 min	g/cm ³	MPa	MPa	%	kJ/m ²	kJ/m ²	kJ/m ²	°C	%
HOMO	DH789.01	50	0,9	1700	37	8	2,5	–	102	–
	Thin wall consumer goods, thin wall rigid packaging, high flow, excellent organoleptics									
HOMO	H734-52RNA	52	0,9	1700	37	9	2,5	–	105	–
	Thin wall consumer goods, thin wall rigid packaging									
RANDOM	DR7037.01	23	0,9	1200	29	12	6	2	88	8
	Rigid packaging, consumer goods, general compounding, excellent organoleptic properties									
	Inspire 364	42	0,9	1050	27	12	5,5	1,5	80	8
RANDOM	Thin wall consumer goods, thin wall rigid packaging, high flow, excellent organoleptic properties									
	Inspire 382	70	0,9	1050	27	13	5	1,5	85	9
RANDOM	Thin wall consumer goods, thin wall rigid packaging, high flow, excellent organoleptic properties									
	C7082-30NA	30	0,9	1300	25	5	8,5	6	98	–
Impact Copolymer	Thin wall consumer goods, thin wall rigid packaging									
	C7070-35N	35	0,9	1350	25	4	5,5	4,5	104	–
Impact Copolymer	Thin wall consumer goods, thin wall rigid packaging									
	C705-44NAHP	44	0,9	1450	28	5	7	5	100	–
Impact Copolymer	Thin wall consumer goods, thin wall rigid packaging, high flow, good organoleptics									
	DC705.01	50	0,9	1250	28	5	7	4,5	95	–
Impact Copolymer	Thin wall consumer goods, thin wall rigid packaging, high flow, excellent organoleptics									
	DC707.01	75	0,9	1300	25	5	6	4	104	–
Impact Copolymer	Thin wall consumer goods and rigid packaging, very high flow, excellent organoleptics									
	C711-70RNA	70	0,9	1250	24	5	8	5,5	95	–
Impact Copolymer	Thin wall consumer goods, thin wall rigid packaging, high flow									
	C7069-100NA	100	0,9	1500	28	5	4	2,5	104	–
Impact Copolymer	Thin wall consumer goods, thin wall rigid packaging, very high flow									

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- Inspire® is a trademark of Braskem SA
- Braskem Netherlands BV registration details are: Braskem Netherlands BV, Weena 200, 9th floor Tower C, 3012 NJ Rotterdam, The Netherlands Managing Director: Piovesan Reche Scarton, Marlisa | Bernardo Dias de Figueiredo, Isabel | Levy Ibarra, Gonzalo Andres | Schuck, Hardi | van Veen, Alexander Paulus | Iyer, Srivatsan Srinivas Trade Register: Rotterdam 24401995
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 4. Although Braskem may from time to time provide samples of such products, Braskem is not obliged to supply or otherwise commercialize such products for any use or application whatsoever.

The Braskem logo consists of a stylized 'B' icon followed by the word 'Braskem' in a bold, sans-serif font. The icon is a white 'B' shape with a red triangle pointing to the right, set against a red background.

www.braskem.com