



Thin wall injection molding

EU Portfolio

Braskem

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Braskem offers a wide range of products for thin wall 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.

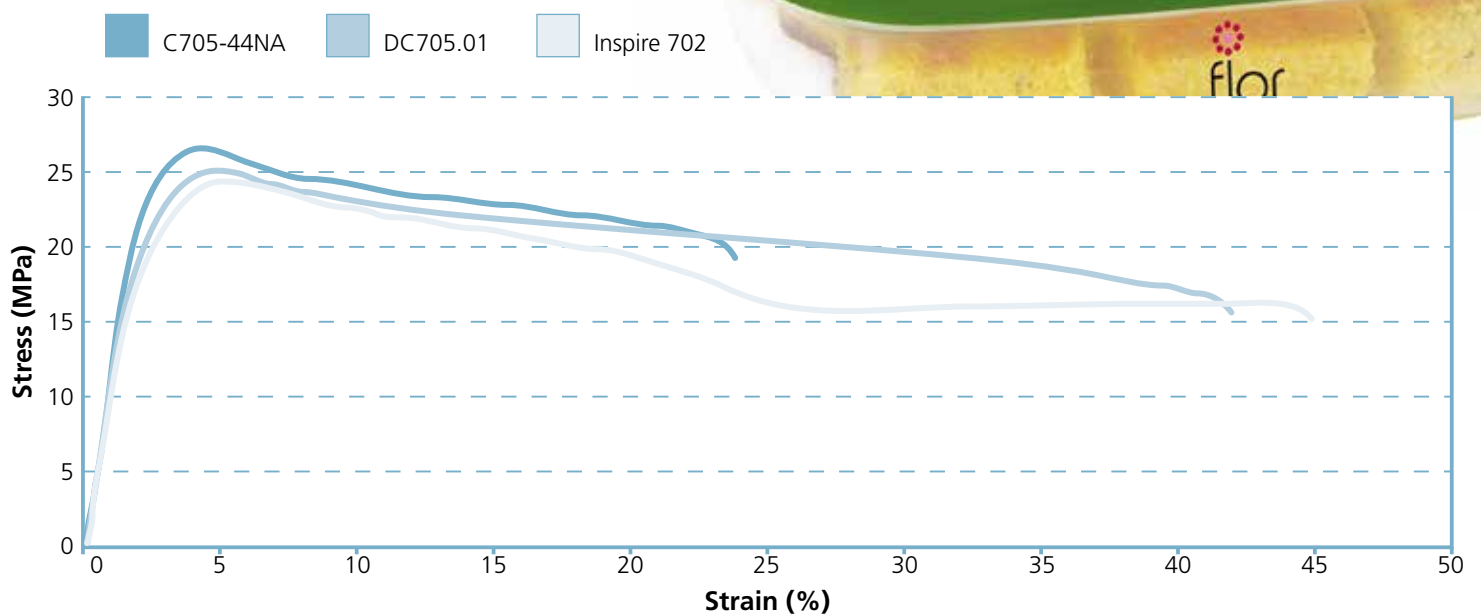


Curent Resin	New Grade	Family	MFR	Flexural Modulus (MPa)	Tensile Stress (MPa)	Tensile Strain (%)	Charpy Notched Impact Strength (23°C)	Charpy Notched Impact Strength (0°C)	Heat Deflection Temperature - under load 66 psi (0.45 MPa), Unannealed	Haze (39.4 mil (1000 µm))
Method			ISO 1133	ISO 178	ISO 527-2	ISO 527-2	ISO 179/eA	ISO 179-1/1eA	ISO 75-2/B	ASTM D1003
Units			g/10 min	MPa	MPa	%	kJ/m²	kJ/m²	°C	%
H734-52RNA	DH789.01	Homopolymer	50	1700	35	8	2,5	-	105	-
		New grade has excellent organoleptic properties, high flow resin								
Inspire 364 DR7052.01	D364.01	Random	42	1050	28	12	6	2	83	12
		Cost reduction possibility by improved down-gauging, excellent organoleptic performance								
D382.01		Random	70	1060	30	13	5	2	83	11
		Designed for critical applications where excellent taste & odor performance and good optics are required								
C791-30NA		Impact copolymer	30	1300	26	9	7	3	96	-
		Good balance of mechanical properties								
C7082-30NA		Impact copolymer	30	1300	25	5	8,5	5	98	-
		Excellent balance of flowability with mechanical properties								
C7070-35N		Impact copolymer	35	1350	25	5	6,5	4,5	85	-
		Thin wall consumer goods, thin wall rigid packaging,								
C705-44NAHP Inspire702	DC705.01	Impact copolymer	50	1400	28	40	7	4	97	-
		High flow, excellent organoleptic properties								
C711-70RNA	DC707.01	Impact copolymer	70	1300	24	5	6	3	95	-
		Very high flow, excellent organoleptic properties								
C7069-100NA		Impact copolymer	100	1580	28	5	4	2,5	105	-
		Very high flow resin								

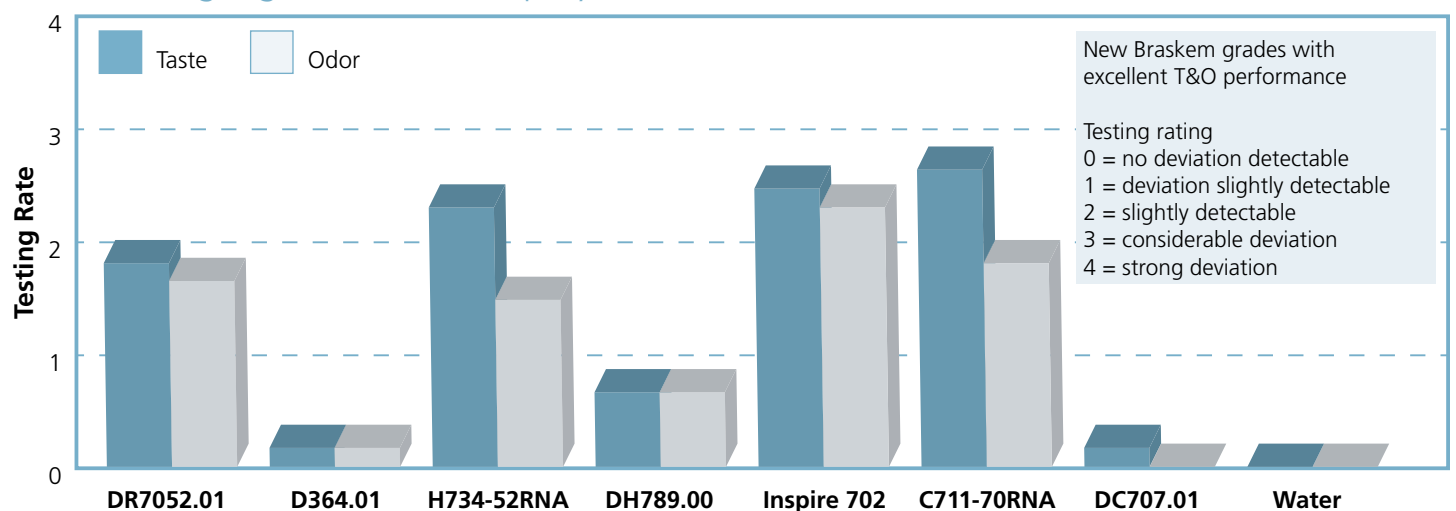
D364.01 is a random copolymer with a high melt flow rate developed for the injection of parts and packaging with excellent transparency. The product features excellent processing characteristics, high productivity and an excellent balance between stiffness and impact resistance.

DH789.00 high flow homopolymer with excellent taste & odor

DC705.01 presents a very good stiffness-toughness balance and excellent organoleptic properties



Portfolio Highlight: Random copolymers



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- c. use as a critical component in medical devices that support or sustain human life; or
- d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

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The Braskem logo, featuring the word "Braskem" in a white, sans-serif font, set against a blue rectangular background.