



Polypropylene: **Amppleo 1025MA**

Sub-group
Homopolymer

Description

High melt strength resin, excellent processability, enhanced foamability, and very good mechanical properties

Applications

Suggested uses include general foams (sheets, planks, tubes, and profiles), films, and thermoformed parts

Control Properties	ASTM Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D-1238	g/10 min	2.5

Typical Properties	ASTM Method	Units	Values
Tensile Strength at Yield (2 in/min, 50 mm/min)	D-638	psi(MPa)	6,000(41)
Elongation at Yield (2 in/min, 50 mm/min)	D-638	%	19
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D-790A	psi(MPa)	330,000(2,276)
Notched Izod Impact Strength at 23°C	D-256A	ft-lbs/in(J/m)	0.7(37)
Heat Deflection Temperature (455 kPa)	D-648	°C	130
Melt Strength	Braskem	cN	49

Final Remarks

1. This information reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact Technical Service.
4. The values in this report can be modified without prior communication from Braskem.
5. Braskem polyolefin products do not have additives with heavy metals or organotin-based materials.

Revision

Date: 6/29/2018
www.braskem.com