


Data Sheet

Review 6 (Jan / 18)

Polypropylene Amppleo 1020GA
Description:

Homopolymer

AMPPLEO 1020 GA - Homopolymer with High Melt Strength (HMS) - is a resin designed for process that requires High Melt Strength. This product exhibit excellent processability, foamability and melt elongation properties, very good mechanical properties and sagging resistance.

Applications:

Foamed products, Thermoforming, General foams (sheets, planks, tubes and profiles), Films

Processes:

Thermoforming, Foaming, Extrusion

Control Properties

Characteristic	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	2.0

Typical Properties^a

Characteristic	Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus - 1% Secant	D 790	MPa	1820
Tensile Strength at Yield	D 638	MPa	38
Elongation at Break	D 638	%	23
Notched Izod Impact Strength at 23°C	D 256	J/m	30
Deflection Temperature under Load at 0.455 MPa	D 648	°C	117
Melt Strength	Internal Method	cN	55
Crystallization Temperature	E 794	°C	128

a) Injection molded specimen according to ASTM D 4101.

Final Remarks

1. The information presented in this Data Sheet 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 our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9003-07-0.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.