Braskem

Datasheet
Review 5 (Jan / 18)

Polypropylene H 107

Description:

Homopolymer

H 107 is a ultra-high melt flow rate additivated homopolymer used for general purposes. Designed for extrusion coating. This product exhibits excellent processability, good melt stability, as well as good transparency and gloss.

Applications:

Compounds, Thin wall parts, Big bags waterproofing, Rafia bags waterproofing

Processes:

Extrusion Coating, Injection molding

Control Properties

Feature	Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D 1238	g/10 min	80

Typical Properties[a]

Feature	Method	Units	Values
Density	D 792	g/cm³	0.905
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	MPa	1550
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	38
Elongation at Yield (2 in/min, 50 mm/min)	D 638	%	8
Rockwell Hardness (R Scale)	D 785	-	106
Notched Izod Impact Strength (at 23°C)	D 256	J/m	20
Heat Deflection Temperature (0.45 Mpa)	D 648	°C	110
Deflection Temperature under Load at 1.820 MPa	D 648	°C	57
Vicat Softening Temperature (at 10 N)	D 1525	°C	153

a) Injection molded specimen according to ASTM D 4101. NB = No Break.

Final Remarks

1. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
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