


Datasheet

07/10/2019

Polypropylene FT120WV

Description:

Homopolymer

FT120WV is a homopolymer designed for injection process, with high balance of processability, stiffness and impact resistance.

Applications:

Food packaging, Cosmetic packaging, Caps

Processes:

Injection Molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	12

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1655
Tensile Strength at Yield	D 638	MPa	39
Tensile Elongation at Yield	D 638	%	8
Rockwell Hardness (R Scale)	D 785	-	106
Notched Izod Impact Strength at 23°C	D 256	J/m	37
Deflection Temperature under Load at 0.455 MPa	D 648	°C	120
Vicat Softening Temperature at 10 N	D 1525	°C	154

a) Injection molded specimen according to ASTM D 4101.

Final Remarks

- 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.
- In some applications, Braskem has developed tailor-made resins to reach specific requirements.
- In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
- For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9003-07-0.
- For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.