Braskem

Datasheet
03/18/2026

Polypropylene FT 120WV

Description:

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

Applications:

Caps & Closures

Processes:

Injection molding

Control Properties

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

Typical Properties[a]

Feature	Method	Units	Values
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	psi	240000
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	psi	5600
Elongation at Yield (2 in/min, 50 mm/min)	D 638	%	8
Rockwell Hardness (R Scale)	D 785	R	106
Notched Izod Impact Strength (at 23°C)	D 256	ft-lbs/in	0.7

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

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1. **Storage:**
   Recommended storage is a cool, dry place protected from direct sunlight. High temperatures and high atmospheric humidity during storage may have an impact on product performance.

2. **Disclaimer:**
   - Braskem Netherlands B.V. or any of its affiliates assumes no liability on the suitability of the product as described in this document for any intended use in any application unless separately agreed in a contract. All warranties or merchantability or fitness for a particular purpose are expressly excluded.
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   Braskem strongly encourages its customers to review both their manufacturing processes and their applications of Braskem products from a human health and environmental quality standpoint to ensure that Braskem products are not used in ways that are not intended or tested. Braskem product literature, including Safety Data Sheets, should be consulted prior to using Braskem products.

   - Current Safety Data Sheets are available from Braskem.
   - Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet.

   For regulatory information, please contact polymer.compliance-europe@braskem.com