

Developmental Polypropylene D153.01
Developmental Performance Polymer

Description:

Braskem D153.01 Developmental Performance Polymer has been developed for injection moulding and sheet extrusion applications. It has been designed to offer excellent hoop stress performance, good processability, impact strength and stiffness.

Applications:

- Technical moulded goods
- Storm-water management systems
- Household articles
- Furniture
- Automotive parts
- Appliances

Process:

- Injection moulding
- Extrusion

Regulatory Information:

Braskem D153.01 Developmental Performance Polymer complies with European Commission Regulation (EU) No 10/2011.

The appropriate regulations should be consulted for more detailed information.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.900 g/cm ³	0.900 g/cm ³	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	2.2 g/10 min	2.2 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus (Injection Molded)	171000 psi	1400 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
73°F (23°C), Injection Molded	3.6 ft·lb/in ²	7.5 kJ/m ²	

Notes
These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

* Injection Molded

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Additional Information:

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