

## Polypropylene H 103

**Description:**

Homopolymer

H 103 is a high melt flow rate additivated homopolymer used for general purposes. The product exhibits excellent processing performance on injection moulding applications.

**Applications:**

Home appliances, Thin wall packaging for food and cosmetics , Tamper evident caps, toys, Compounds

**Processes:**

Injection molding

**Control Properties**

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	1133	g/10 min	40

**Typical Properties**

Feature	Method	Units	Values
Density	1183-1	g/cm <sup>3</sup>	0.905
Flexural Modulus <sup>a</sup>	178	MPa	1350
Tensile Strength at Yield <sup>a</sup>	527-1	MPa	34
Tensile Elongation at Yield <sup>a</sup>	527-1	%	12
Rockwell Hardness (R Scale) <sup>a</sup>	2039-2	-	101
Notched Izod Impact Strength at 23°C <sup>a</sup>	180	kJ/m <sup>2</sup>	2.1
Deflection Temperature under Load at 0.455 MPa <sup>a</sup>	75-1/75-2	°C	98
Deflection Temperature under Load at 1.820 MPa <sup>a</sup>	75-1/75-2	°C	55
Vicat Softening Temperature at 10 N <sup>a</sup>	306	°C	156

a) Injection molded specimen according to ISO 294.

**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.
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.