

## Polypropylene TI4003F

**Description:**

- Extra high izod impact, very high flexural modulus, good low temperature drop impact

**Applications:**

- Suggested uses include blow molding, Profiles, Pipes

**Processes:**

General extrusion.

**Control Properties**

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	0.3

**Typical Properties**

Feature	Method	Units	Values
Flexural Modulus - 1% Secant	D 790	MPa	1.450
Tensile Strength at Yield	D 638	MPa	29
Tensile Elongation at Yield	D 638	%	10.5
Rockwell Hardness (R Scale)	D 785	-	78
Notched Izod Impact Strength at 23°C	D 256	J/m	NB
Notched Izod Impact Strength at -20°C	D 256	J/m	53

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

**Final observations**

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.