

**Data Sheet**
DC7056.05**Polypropylene DC7056.05****Sub-group:**

Impact Copolymer

Description:

BRASKEM Developmental Resin DC7056.05 is an impact copolymer developed for injection moulding and sheet extrusion applications. An excellent combination of good processability with good stiffness and exceptional impact strength at low temperatures are main characteristics of this resin.

Applications:

- General injection molding of consumer goods e.g. household articles, furniture
- General sheet extrusion

Process:

- Injection moulding and sheet extrusion

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)	3.5 g/10 min	3.5 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, Injection Molded)	3770 psi	26 MPa	ISO 527-2
Flexural Modulus (Injection Molded)	167000 psi	1150 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/eA
73°F (23°C), Injection Molded	5.7 ft•lb/in ²	12 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.

Regulatory Information:

DC7056.05 Developmental Polypropylene Resin complies with:

- European Commission Regulation (EU) No 10/2011
- U.S. FDA FCN 843

The appropriate regulations should be consulted for more detailed information.

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Additional Information:

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