

Developmental D364.01

Sub-group:

Random copolymer

Description:

BRASKEM Developmental Random copolymer Resin D364.01 has been developed for injection molding of thin wall packaging and consumer containers e.g. food keeper boxes. BRASKEM D364.01 provides high flowability, excellent optics, superior organoleptics (low taste & odor) and a very good balance of mechanical properties.

Application:

- Thin Wall Packaging
- Thin Wall Consumer Goods e.g. Housewares, Media Packaging

Process:

- Injection Moulding, Thin Wall Injection Moulding

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)	42 g/10 min	42 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus (Injection Moulded)	145000 psi	1050 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact strength 73°F (23°C), Injection Moulded	3.25 ft lb/in ²	6 kJ/m ²	ISO 179-1/1eA

