

# Braskem PP D137.01

Polypropylene Impact Copolymer

Braskem Europe GmbH

## Message:

D137.01 Developmental Performance Impact Polymer is an impact copolymer, primarily used for blown film applications but is also suitable for general extrusion where high mechanical properties are of importance. D137.01 Performance Polymer is a high impact copolymer and easy to process.

### Applications:

Specialty film eg. Adhesive tapes, lamination, blown film and sheets

Extrusion profiles and pipes

Blow moulded containers eg. Bottles

### Process:

Blown film extrusion and general extrusion

General Information			
Features	Impact copolymer		
	Workability, good		
Uses	Blown Containers		
	Blown Film		
	Films		
	Laminate		
	Strap		
	Piping system		
	Sheet		
	Bottle		
	Container		
	Profile		
Agency Ratings	FDA FCN 843		
	Europe 10/1/2011 12:00:00 AM		
Processing Method	Blow film		
	Blow molding		
	Pipeline extrusion molding		
	Extrusion		
	Sheet extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	24.0	MPa	ISO 527-2

Flexural Modulus (Injection Molded)	1000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	55	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	146	°C	ISO 306/A

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