

INSPIRE™ 153

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

Braskem Inspire™ 153 Developmental Performance Polymer has been developed for heavy duty injection moulding and extrusion applications e.g. sheets, plates, etc. It offers good processability excellent impact/stiffness balance and enhanced hoop stress performance.

Applications:

Technical moulded goods e.g. storm-water management systems

General Automotive

Process:

Injection moulding

Extrusion

General Information			
Features	Rigid, good		
	Impact copolymer		
	Impact resistance, good		
	Workability, good		
Uses	Sheet		
	Application in Automobile Field		
Agency Ratings	Europe 10/1/2011 12:00:00 AM		
Processing Method	Extrusion		
	Sheet extrusion molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (Injection Molded)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	7.5	kJ/m ²	ISO 179/1eA

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