

INSPIRE™ 150

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

INSPIRE™ 150 Performance Polymer is a high impact copolymer, primarily designed for high impact resistance even at very low temperatures. It presents a ductile behaviour at -40°C and is particularly well suited for injection moulded large part containers and boxes.

Complies with:

European Commission Regulation (EU) No 10/2011

U.S. FDA FCN 843

Consult the regulations complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA FCN 843		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Flexural Modulus	850	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	7.0	kJ/m ²	
-30°C	8.0	kJ/m ²	
-20°C	10	kJ/m ²	
0°C	40	kJ/m ²	
23°C	50	kJ/m ²	
Instrumented Dart Impact ¹ (-40°C, Peak Energy, Ductile)	60.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	76.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	45.0	°C	ISO 75-2/A
NOTE			
1.	6.70 m/sec		

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