

INSPIRE™ 147

Polypropylene
Braskem Europe GmbH

Message:

INSPIRE 147 Performance Polymer has been developed for sheet extrusion and thermoforming applications. It is designed for high throughput thermoforming processes where lower cycle times and dimensional stability are required. INSPIRE 147 offers good mechanical/optical performance with antistatic and organoleptic properties.

Applications:

Vending cups and dairy pots

Trays for biscuits, fruits and various food products

Blister packaging

Complies with:

European Commission Regulation (EU) No 10/2011

FDA, 21 CFR 177.1520(c) 1.1

Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA 21 CFR 177.1520(c) 1.1		
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)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	35.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	11	%	ISO 527-2
Flexural Modulus (Injection Molded)	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	5.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	121	°C	ISO 75-2/B
Vicat Softening Temperature ²	157	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Haze (Injection Molded)	35	%	ASTM D1003
NOTE			
1.	Injection Molded		
2.	Injection Molded		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT