

INSPIRE™ 114

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group

Impact Copolymer

Description

High Melt Strength, High Toughness, Excellent Processability, High Impact and Puncture Resistance, High Film Stiffness/Machinability, High Heat Resistance

Applications

Suggested Uses Include Blow Film Extrusion, Sheet Extrusion, Thermoforming, and Blow Molding

General Information			
Features	Food Contact Acceptable		
	Good Melt Strength		
	Good Processability		
	Good Toughness		
	High Heat Resistance		
	High Impact Resistance		
	High Stiffness		
	Impact Copolymer		
	Machinable		
	Puncture Resistant		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
	Blown Film		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	30.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant ³	1480	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
NOTE			
1.	51 mm/min		

2.	51 mm/min
3.	1.3 mm/min

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