

INSPIRE™ 404

Polypropylene Homopolymer

Braskem America Inc.

Message:

Sub-group

Homopolymer

Description

Excellent balance of stiffness and clarity, superior heat resistance, nucleated

Applications

Suggested uses include thermoforming applications

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable		
	High Clarity		
	High Heat Resistance		
	High Stiffness		
	Homopolymer		
	Nucleated		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	42.1	MPa	ASTM D638
Flexural Modulus - 1% Secant ²	2070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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