

Braskem PP TI2150C

High Crystallinity Polypropylene

Braskem America Inc.

Message:

Sub-group:

High Crystallinity Copolymer Polypropylene

Description:

Highly crystalline homopolymer phase, very high molecular weight ERP phase, very high flexural modulus, reduced emissions, reduced gels.

Applications:

Suggested uses include compounding.

Process:

Compounding

General Information

Features	Copolymer
	Food Contact Acceptable
	High Molecular Weight
	Highly Crystalline
	Low Emissions
	Low Gel

Uses	Compounding
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Agency Ratings	FDA 21 CFR 177.1520
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Forms	Pellets
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Processing Method	Compounding
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Physical

Nominal Value	Unit	Test Method
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Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
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Mechanical

Nominal Value	Unit	Test Method
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Tensile Strength ¹ (Yield, Injection Molded)	31.7	MPa	ASTM D638
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Tensile Elongation ² (Yield, Injection Molded)	7.0	%	ASTM D638
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Flexural Modulus - 1% Secant ³ (Injection Molded)	1380	MPa	ASTM D790A
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Impact

Nominal Value	Unit	Test Method
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Notched Izod Impact (23°C, Injection Molded)	80	J/m	ASTM D256A
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NOTE

1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min

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