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		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength [1] (Yield, Injection Molded)	31.7	MPa	ASTM D638
Tensile Elongation [2] (Yield, Injection Molded)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant [3] (Injection Molded)	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	80	J/m	ASTM D256A
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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