

# Osterlene® PPC-20-NB-200

Polypropylene Impact Copolymer

Osterman & Company

Message:

PPC-20-NB-200 is a polypropylene with extra high izod impact, with superior low temperature drop impact. Suggested uses for PPC-20-NB-200 include toys, video cassettes and compounding.

General Information			
Features	Ultra-high impact resistance		
Uses	Composite		
	Video tape		
	Toys		
Forms	Particle		
Processing Method	Composite		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	66		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.7	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield <sup>1</sup>	5.5	%	ASTM D638
Fracture	200	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1000	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Instrumented Dart Impact (-29°C)	47.5	J	ASTM D3763
Additional Information			
Tensile Elogation @ Break, ASTM D638: >200%			
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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