

# Teldene® B20ML

## Polypropylene Impact Copolymer

National Petrochemical Industries Company (NATPET)

Message:

Teldene® B20ML is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Africa & Middle East, Asia Pacific, or Europe for injection molding.

Important attributes of Teldene® B20ML are:

Antistatic

Copolymer

Food Contact Acceptable

Good Dimensional Stability

Good Stiffness

Typical applications include:

Consumer Goods

## Containers

Engineering/Industrial Parts

Furniture

## Household Applications

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
	Medium Flow		
	Nucleated		
Uses	Furniture		
	Household Goods		
	Sporting Goods		
	Thin-walled Containers		
	Thin-walled Parts		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ISO 1133

Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	28.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1550	MPa	ISO 527-2
Tensile Stress (Yield)	27.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m <sup>2</sup>	
0°C	4.5	kJ/m <sup>2</sup>	
23°C	6.0	kJ/m <sup>2</sup>	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	100	kJ/m <sup>2</sup>	
0°C	130	kJ/m <sup>2</sup>	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Ductile / Brittle Transition Temperature	-60.0	°C	ISO 6603-2

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#### Recommended distributors for this material

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