

# MTEGRITY™ PP Homopolymer PP200

Polypropylene Homopolymer

M. Holland Company

Message:

MTEGRITY™ PP Homopolymer PP200 is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and is available in North America. Applications of MTEGRITY™ PP Homopolymer PP200 include automotive, household applications, kitchenware and medical/healthcare.

Characteristics include:

- Good Stiffness
- Heat Resistant
- High ESCR (Stress Crack Resistant)
- Homopolymer

General Information			
Features	Good Heat Aging Resistance		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
	Homopolymer		
Uses	Automotive Applications		
	Hospital Goods		
	Household Goods		
	Table Products		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.9	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256

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