

MTEGRITY™ PP Homopolymer PP510

Polypropylene Homopolymer

M. Holland Company

Message:

MTEGRITY™ PP Homopolymer PP510 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 PP510 include caps/lids/closures, household applications and medical/healthcare.

Characteristics include:

- Antistatic
- Good Stiffness
- Homopolymer
- Nucleated

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Good Flow		
	Good Stiffness		
	Homopolymer		
	Nucleated		
Uses	Caps		
	Closures		
	Disposable Hospital Goods		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
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)	108		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Flexural Modulus	1790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256

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