# **MTEGRITY™ PP** Homopolymer PP700 Polypropylene Homopolymer

M. Holland Company



## **Technical Data**

## Product Description

MTEGRITY<sup>™</sup> PP Homopolymer PP700 is a Polypropylene Homopolymer (PP Homopolymer) product. It can be processed by injection molding and is available in North America. Applications of MTEGRITY<sup>™</sup> PP Homopolymer PP700 include caps/lids/closures, consumer goods and engineering/industrial parts.

Characteristics include:

Good Processability

## • Homopolymer

General			
Material Status	Commercial: Active		
Literature <sup>1</sup>	<ul> <li>Technical Datasheet</li> </ul>		
Search for UL Yellow Card	<ul> <li>M. Holland Company</li> <li>MTEGRITY™ PP Homopolymer</li> </ul>		
Availability	North America		
Features	Good Processability	Homopolymer	<ul> <li>Narrow Molecular Weight Distribution</li> </ul>
Uses	<ul><li>Caps</li><li>Closures</li></ul>	<ul><li>Consumer Applications</li><li>Thin-walled Parts</li></ul>	
Forms	Pellets		
Processing Method	<ul> <li>Injection Molding</li> </ul>		

Physical	Nominal Value Unit	Test Method
Density	0.905 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35 g/10 min	ASTM D1238
Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Yield)	36.5 MPa	ASTM D638
Tensile Elongation (Yield)	10 %	ASTM D638
Flexural Modulus	1520 MPa	ASTM D790
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	27 J/m	ASTM D256
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	109	ASTM D785

#### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.



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## MTEGRITY<sup>™</sup> PP Homopolymer PP700

Polypropylene Homopolymer M. Holland Company

### Where to Buy

#### Supplier

M. Holland Company Northbrook, Northbrook USA Telephone: 847-849-8386 Web: http://www.mholland.com/

#### Distributor

M. Holland Canada Company Telephone: 905-665-1168 Web: http://www.mholland.com/ Availability: Canada

M. Holland Company Telephone: 855-497-1403 Web: http://www.mholland.com/ Availability: Mexico, United States





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