

MTEGRITY™ PP Homopolymer PP100

Polypropylene Homopolymer

M. Holland Company

Message:

General Purpose Polypropylene Homopolymer

General Information	
Features	Good Melt Strength
	High Clarity
	High Tensile Strength
	Homopolymer
Uses	Sheet
	Strapping
	Thin-walled Parts
Forms	Pellets
Processing Method	Blow Molding
	Extrusion
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	121	°C	ASTM D648

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