

# MTEGRITY™ HDPE HMW EH120

High Density (EHMW) Polyethylene

M. Holland Company

Message:

- Extra High Molecular Weight High Density Polyethylene
- Good Melt Strength
- Good Heat Seal
- High Stiffness
- Bag and Liner Applications

General Information			
Features	Ultra high molecular weight		
	Rigidity, high		
	High density		
	Heat sealable		
	Good melt strength		
Uses	Blown Film		
	Lining		
	Bags		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	10	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD	896	MPa	ASTM D882
TD	1000	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	68.9	MPa	ASTM D882
TD: Fracture	55.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	330	%	ASTM D882
TD: Fracture	400	%	ASTM D882
Dart Drop Impact	350	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	15	g	ASTM D1922
TD	65	g	ASTM D1922

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