

# Aaron AVPE HD 300-3

High Density Polyethylene

Aaron Industries Corp.

## Message:

An HDPE Natural resin specifically designed for high speed blow molding and extrusion applications.

General Information			
Features	High Density		
Appearance	Natural Color		
Processing Method	Blow Molding		
	Extrusion		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.2	MPa	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525

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