

Aaron AVPE HD 300-3

High Density Polyethylene

Aaron Industries Corp.

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Technical Data

Product Description

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

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Availability	• North America
Features	• High Density
Appearance	• Natural Color
Processing Method	• Blow Molding • Extrusion

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	0.953 g/cm ³	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

Notes

¹ 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.

² Typical properties: these are not to be construed as specifications.

