Aaron AVPE HD 300-3

High Density Polyethylene **Aaron Industries Corp.**



Technical Data

Product Description			
An HDPE Natural resin specifically	y designed for high speed blow mo	olding 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.



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