

## Aaron Industries AVPE HD 300-3 MELT 20 Virgin Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Blow Molding Grade

### Material Notes:

A natural HDPE resin, specifically designed for high speed blow molding and extrusion applications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aaron-Industries-AVPE-HD-300-3-MELT-20-Virgin-Polyethylene.php](http://www.lookpolymers.com/polymer_Aaron-Industries-AVPE-HD-300-3-MELT-20-Virgin-Polyethylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.955 g/cc	0.955 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm	0.0040 in/in	ASTM D955
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 190 °C	20 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.2 MPa	3800 psi	ASTM D638
Flexural Modulus	2.21 GPa	320 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	85.0 °C	185 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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