



**VIRGIN  
POLYETHYLENES**

**SPECIALTY RESINS AND COMPOUNDS**

**VIRGIN AVPE 300 SERIES  
AVPE300-1 LDPE NATURAL VIRGIN 20 MELT**

	PROPERTIES	ASTM METHOD	UNITS OF MEASURE	LD 300-1
<b>GENERAL</b>	SPECIFIC GRAVITY	D-792	g/cm <sup>3</sup>	0.925
	MOLD SHRINKAGE	D-955	in/in	.015
<b>MECHANICAL</b>	TENSILE STRENGTH @ Yield	D-638	PSI	1300
	TENSILE STRENGTH @ Break	D-790	%	1500
	IZOD IMPACT @ 73° (NOTCHED)	D-256	ft-lbs./in.	No Break
<b>THERMAL</b>	MELT FLOW INDEX (190/5)	D-1238	g/10 min	20
	DEFLECTION TEMPERATURE	D-648	°F @ 66 psi	163

**FEATURES:** A high flow Low Density Polyethylene Natural resin specifically designed for high speed injection molding applications.

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