

**orthoform®**

# Material Datasheet

## LLDPE

Purch-33 Rev 02 Dated 8-1-12

### General

**LLDPE -Linear Low Density Polyethylene**  
**FDA 21 CFR177.1520**

<b>Physical Properties</b>	<b>ASTM Test</b>	<b>Value</b>	<b>Unit</b>
Melt Flow Rate	D-1238	.8	g/10 min
Density	D-1505	.920	g/cm <sup>3</sup>
Tensile Strength @ Yield	D-638	2170	psi
Elongation @ Break	D-638	700	%
Flexural Modulus (1% sec)	D-790	40,000	psi
Impact Brittleness Temp	D-746	< -43.6	F
Deflection temp. @66 psi	D-648	118	F
Vicat softening Point	D-1525	190	F



A Product line of ....