

orthoform®

Material Datasheet Modified LDPE

PURCH-35 Rev. 01 Dated 7-31-12

**General: Mod. PE- Modified Low Density Polyethylene
FDA 21 CFR 177.1520**

Physical Property	ASTM Test	Value	Unit
Melt Flow Rate	D-1238	1.0	g/10 min
Density	D-4883	.93	g/cm ³
Tensile Strength@ Yield	D-638	2500	psi
Elongation @ Yield	D-638	-----	%
Elongation @ Break	D-638	600	%
Flexural Modulus (1%sec)	D-790	52,000	psi
Brittleness temp.	D-746	-130	F
Vicat Softening Point	D-1525	222	F



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