

TECHNICAL INFORMATION

Chemical and Corrosion Resistant Polymers LOW DENSITY POLYETHYLENE (LDPE)

Physical Properties

Property	ASTM Test Method	Units
Melt Index	D-1238	g/10 min
Density	D-1505	g/cm ³
Tensile Strength @ Yield	D-638	psi
Tensile Elogation @Yield	D-882	%
Tensile Modulus	D-638	psi
IZOD Impact Notched @ 73 degrees F	D-256	ft lb/in
Hardness-Shore D	D-2240	
Heat Deflection		
Temperature @ 264 psi	D-668	°F
@ 66 psi	D-668	°F
Water Absorption	D570	%

Values
1.0 to 2.5
.910 to .925
1800-2200
600
NA
no break
41-50
90-105
100-121
<0.01