



Meeting Your Specifications...
Exceeding Your Expectations™

High Density Polyethylene (HDPE) Specifications:

Typical Properties:

<u>Property</u>	<u>Nominal Value</u>	<u>Units</u>	<u>ASTM Test Method</u>
Density	0.962	g/cc	D 1505
Tensile Strength	4,600	psi	D 638
Elongation@Break	>600	%	D 638
Flexural Modulus	225,000	psi	D790
Low Temperature Brittleness, F50	<-76	°C	D 747
Vicat Softening Point	131	°C	D 1525
Hardness, Shore D	67		D 2240

Technical Specifications:

High Density Polyethylene (HDPE) is unaffected to exposure from the following:

Acetic Acid 80%
Ammonia Phosphate
Ammonia Liquid
Bleach 12%
Chlorine
Citric Acid
Copper Chloride
Most Detergents
Drain Cleaners
Hydrochloric Acid 40%
Most Nail Polish Removers
Nicotine
Potassium Bromide
Rubbing Alcohol
Salt Water
Soaps
Urea and Urine
Vinegar



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