

# Modified High Density Polyethylene SPECIFICATIONS

Property	Value	Units	ASTM Test Method
Density	0.920	g/cm <sup>3</sup>	D1505
Melt Index	0.7	g/10 min	D1238
Tensile Strength @ Yield	1,550	psi	D638
Tensile Strength @ Break	2,170	psi	D638
Elongation @ Yield	15	%	D638
Elongation @ Break	750	%	D638
Flexural Modulus, 1% Secant	40,000	psi	D790
Notched Low Temperature Brittleness	-42	°C	D746
Heat Deflection Temperature @ 66 psi	73	°C	D648
Vicat Softening Point	88	°C	D1525
Hardness, Shore D	51		D2240
Environmental Stress Crack Resistance, F	>1000	hrs	D2561

NOTE: While the information herein is believed to be reliable and correct, nothing herein is intended and should not be construed as a representation or warranty, express or implied, as to results obtained or to be obtained by others who may make use of this information or with respect to the absence, existence or validity of patent rights, if any, of others involving any composition or process herein referred to; or an inducement or recommendation for the violation of any such patent rights, and responsibility and liability therefore.

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