

HDPE ASTM Test Methods

Test Method	
Melt Flow (g/10 min.) (190/2.16)	ASTM-D1238
Melt Flow (g/10 min.) High load HLMI (190/21.6)	ASTM-D1238
Specific Gravity (g/ml)	ASTM-D792
Density (g/cc) (virgin resin pellets)	ASTM-D1505
Density (g/cc) (melt index strand)	ASTM-D2839
Density (g/cc) (Tecdad ultrasonic)	ASTM-D4883
Elongation at Yield (%)	ASTM-D638
Tensile Yield Strength (psi)	ASTM-D638
Flexural Modulus (psi)	ASTM-D790
Heat Deflection @ 264 psi (psi)	ASTM-D648
Notched Izod Impact (ft-lb/inch)	ASTM-D256
Gardner Impact (in-lb)	ASTM-D5420
Carbon black (%) and Ash (%)	ASTM-D4218
L/A/B Scan (Yellowness for natural resin)	ASTM-D6290*
PP Contamination via Infrared (FTIR) (modified)	ASTM-D7399
Notched Constant Ligament Stress (NCLS)	ASTM-F2136
Extruder Filter Test	ASTM-D6265
Contaminant Determination	ASTM-D5577
ESCR	ASTM-D1693
Drop Impact	ASTM-D2463
Contamination via Infrared (DSC)(Modified)	ASTM-D3418

* Or Equivalent

*Bold denotes "Critical" and "Application" Tests