

High Density Polyethylene Resin

HD 7957.04 is a high molecular weight HDPE film resin. Films made from HD 7957.04 exhibit excellent tensile properties, as well as high stiffness. HD7957.04 is particularly suited for draw tape applications.

- Applications
 - Draw Tape

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Film Thickness - Tested	1 mil	13 μm	
Tensile Strength at Yield MD	6000 psi	41 MPa	ASTM D882
Tensile Strength at Yield TD	5200 psi	36 MPa	ASTM D882
Tensile Strength at Break MD	13000 psi	90 MPa	ASTM D882
Tensile Strength at Break TD	11000 psi	80 MPa	ASTM D882
Elongation at Break MD	310 %	310 %	ASTM D882
Elongation at Break TD	370 %	370 %	ASTM D882
Secant Modulus MD - 1% Secant	180000 psi	1200 MPa	ASTM D882
Secant Modulus TD - 1% Secant	180000 psi	1300 MPa	ASTM D882
Dart Drop Impact	280 g	280 g	ASTM D1709A
Elmendorf Tear Strength MD	9 g	9 g	ASTM D1922
Elmendorf Tear Strength TD	20 q	20 q	ASTM D1922

