



Technical Data Sheet

Petrothene GA501022

Linear Low Density Polyethylene

Product Description

The Petrothene GA501 series of resins is pelletized linear low density polyethylene selected by customers for film extrusion applications that require excellent drawdown and toughness. These resins have excellent puncture resistance, elongation and heat seal strength. Typical applications include heavy duty shipping sacks, trash can liners, commercial and industrial packaging, as well as food and consumer packaging. GA501 is available without additives or fully formulated with slip and antiblock additives.

Application Agriculture Film; Bags & Pouches; Can Liners; Film Wrap; Food Packaging Film; Heavy Duty Packaging; Lamination Film; Liner Film; Retail Carryout Bags; Shrink Film
Market Flexible Packaging
Processing Method Blown Film

Table with 6 columns: Typical Properties, Nominal Value, English Units, Nominal Value, SI Units, Test Method. Rows include Physical (Melt Flow Rate, Base Resin Density, Product Density), Film (Dart Drop Impact Strength, Tensile Strength at Break, Tensile Elongation at Break, 1% Secant Modulus, Elmendorf Tear Strength), Thermal (Vicat Softening Point), and Additive (Slip, Antiblock, Polymer Processing Aid).