



VIRA BIO-1016

Vira-Bio1016 is a biodegradable copolyester made from 1,4-butanediol, adipic acid, and terephthalic acid. It degrades in soil or compost into its basic monomers, ultimately breaking down into carbon dioxide, water, and biomass. With properties similar to PE-LD, such as high molecular weight and a branched structure, Vira-Bio1016 is ideal for producing flexible films via blown or cast film processes. Common applications include packaging, agricultural films, and compost bags. Testing for functionality and shelf life is recommended before use, and technical support is available for the film processing methods.

Property	Typical Value	Test Method
Melt Flow Rate (230 °C/2,16 kg)	5.2 g/10min	ISO 1133
Density	1.3 g/cm ³	ISO 1183
Tensile Strength(50mm/min)	42 MPa	ISO 527
Ultimate Strength (50mm/min)	38 MPa	
Ultimate Elongation (50mm/min)	630 %	

Note: All data are average and are not defined as exact material properties.