

## High Density Polyethylene HD 4806 F

**Ermalene HD 4806 F** is a hexane high density Polyethylene with high molecular weight, designed for film extrusion with high quality.

Suitable for producing a high film strength and rigidity Grocery and shopping bags with excellent properties.

<b>Property</b>	<b>Test Method</b>	<b>Unit</b>	<b>Value</b>
Melt Flow Rate (190 °C/ 2.16 Kg)	ASTM D 1238	g/ 10 min	0.06
Density 23 °C	ISO 1183	g/ cm <sup>3</sup>	0.948
Flexural Modulus	ISO 178	MPa	814
Tensile Strength at Yield MD	ASTM D882	MPa	27
Tensile Strength at Yield TD	ASTM D882	MPa	24
Tensile Strength at Break MD	ASTM D882	MPa	55
Tensile Strength at Break TD	ASTM D882	MPa	54
Elongation at Break MD	ASTM D882	%	270
Elongation at Break TD	ASTM D882	%	350
Dart Drop Impact	ASTM D1709A	g	150