



Entec Polymers, LLC  
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## Data Sheet **BFH921**

Linear Low Density Polyethylene – Film Extrusion Grade – Den. 0.918, MI 1.0

BFH921 is a butene linear low density polyethylene resins intended for processing into blown film. The film made from these resins display very good tensile properties and outstanding toughness. These properties, coupled with the resins's good drawdown capability, permit downgauging in many film applications. BFH921 is a butene grade with a high slip (1700ppm) and high antiblock (5000 ppm) additive package. Producer certifies that the basic resin of this material meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520 for use in articles that contact food.

<u>Typical Properties:</u>	Value	Units	ASTM test method
Density	0.918	g/cm <sup>3</sup>	D 1505
Melt Index	1.00	g/10 min.	D 1238
<u>Film Properties (1.25 mils):</u>			
Haze	14	%	D 1003
Gloss, 45°	46		D2457
Dart Drop Impact Strength, F <sub>50</sub>	120	g	D 1709
Tensile Strength MD (TD)	6,600 (5,400)psi		D 882
1% Secant Modulus MD (TD)	27,000 (31,000) psi		D 882
Elongation MD (TD)	670 (790)	%	D 882

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