



# Formolene® MP1535H

## *Metallocene Linear Low-Density Polyethylene (mLLDPE) Resin for Film Extrusion Applications*

Formolene® MP1535H is a Metallocene 1-hexene copolymer cast film grade which is formulated with a high-performance antioxidant package for enhanced high temperature processing. These superior properties together with excellent drawability make MP1535H a versatile resin for both monolayer and multilayer packaging and cast stretch film.

### Suggested Applications:

Cast Film

Cast Stretch Film

Packaging Films

Food Packaging

### Nominal Values

PROPERTY	ASTM TEST METHOD	ENGLISH		SI	
		Unit	Value	Unit	Value
Base Density	Internal Method	g/cm <sup>3</sup>	0.915	g/cm <sup>3</sup>	0.915
Melt Index (190 °C, 2.16 kg)	D1238	g/10 min	3.5	g/10 min	3.5
Tensile Strength at Yield	D882	psi	1000/900*	MPa	6.9/6.2*
Tensile Strength at Break	D882	psi	5500/4200*	MPa	38/29*
Tensile Elongation	D882	%	480/640*	%	480/640*
Secant Modulus (1% sec)	D882	kpsi	14/15	MPa	96/103*
Dart Impact	D1709A	g	400	g	400
Tear Strength	D1922	g	210/380*	g	210/380*
Gloss (45°)	D2457		86		86
Haze	D1003	%	2.7	%	2.7

\* MD/TD measured on cast film (0.8 mil / 20 micron)

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