



<b>Grade</b>	XL510H
<b>Product</b>	LDPE

#### General Information

Key Features	<ul style="list-style-type: none"> <li>- XL510H resin is produced by ExxonMobil Chemical's autoclave process technology.</li> <li>- XL510H resin is a product designed for low Neck-In, Good adhesion to a variety of substance.</li> </ul>
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Applications	- Extrusion coating and lamination [Aluminium foil, paper and films]
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Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	5.5
Density	ASTM D1505	g/cm <sup>3</sup>	0.918
<b>Thermal</b>			
Melting Point	LC Method	°C	106
VICAT Softening Temperature	ASTM D1525	°C	88
<b>Processing Properties</b>			
Neck-in (constant output) - 150 m/min, 315°C	LC Method	cm	3.0
Maximum coating speed	LC Method	m/min	400
Minimum coating weight (constant output, 315°C)	LC Method	g/m <sup>2</sup>	10
<b>Film Properties</b>			
Barrier - MVTR (90% RH, 37.8°C, 25μm)	ASTM F372	g/m <sup>2</sup> /24hr	18.5
Barrier - O <sub>2</sub> GTR	ASTM F372	10 <sup>4</sup> cm <sup>3</sup> (STP)μm/m <sup>2</sup> 24h atm	20

1. Physical Properties : these are not to be construed as specifications

\* The last update date : 2021/10/01