

## ASTM Property

<b>Grade</b>	XL700
<b>Product</b>	LDPE

### General Information

**Key Features**

- XL700 resin is produced by ExxonMobil Chemical's autoclave process technology.
- XL700 resin is an excellent raw material in the application of extrusion coating.

**Applications** - General extrusion coating and lamination

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	12.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.915
<b>Thermal</b>			
Melting Point	LDP Method	°C	104
VICAT Softening Temperature	ASTM D1525	°C	84
<b>Processing Properties</b>			
Neck-in (constant output) - 50 m/min, 315°C	LDP Method	cm	4.1
Neck-in (constant output) - 150 m/min, 315°C	LDP Method	cm	3.0
Minimum coating weight (constant output, 315°C)	LDP Method	g/m <sup>2</sup>	9
<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	23

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001

\* The last update date : 2026/06/01