

DATASHEET

ASTM Property



Grade	XL710
Product	LDPE

General Information

Key Features	- XL710 resin is produced by ExxonMobil Chemical's autoclave process technology. - XL710 resin is an excellent raw material in the application of extrusion coating.
--------------	---

Applications	- General extrusion coating and lamination
--------------	--

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	12.0
Density	ASTM D1505	g/cm ³	0.918
Thermal			
Melting Point	LC Method	°C	108
VICAT Softening Temperature	ASTM D1525	°C	89
Processing Properties			
Neck-in (constant output) - 50 m/min, 315°C	LC Method	cm	4.8
Neck-in (constant output) - 150 m/min, 315°C	LC Method	cm	4.2
Minimum coating weight (constant output, 315°C)	LC Method	g/m ²	9
Film Properties			
Barrier - MVTR (90% RH, 37.8°C, 25µm)	ASTM F372	g/m ² /24hr	18
Barrier - O ₂ GTR	ASTM F372	10 ⁴ cm ³ (STP)µm/m ² 24h atm	22

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

* The last update date : 2021/10/01