

# SEETEC LDPE XL700

Low Density Polyethylene  
Lotte Chemical Corporation

Message:

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

General Information			
Uses	Coating Applications		
	Laminates		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Oxygen Permeability	230	cm <sup>3</sup> ·mm/m <sup>2</sup> /atm/24 hr	ASTM D3985
Water Vapor Transmission Rate (38°C, 90% RH, 25 μm)	19	g/m <sup>2</sup> /24 hr	ASTM F372
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	84.0	°C	ASTM D1525
Melting Temperature	104	°C	Internal Method
Extrusion	Nominal Value	Unit	Test Method
Minimum Coating Weight (315°C) <sup>1</sup>	9.0	g/m <sup>2</sup>	Internal Method
Neck-in			Internal Method
315°C <sup>2</sup>	41.0	mm	
315°C <sup>3</sup>	30.0	mm	
NOTE			
1.	Constant Output		
2.	Constant Output, 50 m/min		
3.	Constant Output, 150 m/min		

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