

# ExxonMobil™ LDPE LD 201.48

## Low Density Polyethylene Resin

### Product Description

LD 201.48 is an LDPE extrusion coating grade, designed to have excellent processability combined with heat sealability and adhesion. It offers - Excellent neck-in/draw down balance, resulting in low edge trim i.e. less waste and high processing line speed. - Good barrier to water vapor, e.g. for applications in portion packaging (sugar, salt)

### General

Additive	▪ LD 201.48: Antiblock: No; Slip: No; Thermal Stabilizer: No		
Applications	▪ Coextrusion Coating ▪ Extrusion Coating ▪ Extrusion Lamination	▪ Foams ▪ Food Packaging ▪ Industrial Packaging	▪ Liquid Packaging
Form(s)	▪ Pellets		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.921 g/cm <sup>3</sup>	0.921 g/cm <sup>3</sup>	ASTM D1505
Melt Index (190°C/2.16 kg)	4.2 g/10 min	4.2 g/10 min	ASTM D1238
Peak Melting Temperature	228 °F	109 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	203 °F	95 °C	ASTM D1525

Coating Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Draw Down (Constant output at 35 rpm)	200 m/min	200 m/min	ExxonMobil Method
Neck-in			ExxonMobil Method
164 ft/min (50 m/min), Constant output at 35 rpm	1.6 in	4.1 cm	
328 ft/min (100 m/min), Constant output at 35 rpm	1.5 in	3.8 cm	

