

ExxonMobil™ LDPE LD 200.48

Low Density Polyethylene Resin

Product Description

LD 200.48 is a general purpose LDPE extrusion coating grade, designed for flexible packaging applications. It offers - Low neck-in - Very good adhesion - Excellent heat sealability (i.e. high seal speeds and /or low heat seal temperatures mostly required in high speed form-fill-and-seal applications)

General

Additive	▪ LD 200.48: Antiblock: No; Slip: No; Thermal Stabilizer: No		
Applications	▪ Coextrusion Coating ▪ Extrusion Coating	▪ Extrusion Lamination ▪ Food Packaging	▪ Low Neck In, Low Line Speed Coatings ▪ Photographic Paper
Form(s)	▪ Pellets		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.915 g/cm ³	0.915 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	7.5 g/10 min	7.5 g/10 min	ASTM D1238
Peak Melting Temperature	219 °F	104 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	185 °F	85 °C	ASTM D1525

Coating Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Draw Down (Constant output at 35 rpm)	110 m/min	110 m/min	ExxonMobil Method
Neck-in			ExxonMobil Method
164 ft/min (50 m/min), Constant output at 35 rpm	1.4 in	3.6 cm	
328 ft/min (100 m/min), Constant output at 35 rpm	1.3 in	3.3 cm	

