ExxonMobil™ LDPE LD 202.48

Low Density Polyethylene Resin

Product Description

LD 202.48 is an LDPE extrusion coating grade, especially designed for high speed, lightweight extrusion coating applications providing: - high speed processability - good heat sealing properties LD 202.48 offers an excellent coating on non-woven substrates. Its high melt-index combined with low density gives this grade the right balance between : - Adhesion onto non-wovens - Flexibility after coating

General

Additive	▪ LD 202.48: Antiblock: No; Slip: No; Thermal Stabilizer: No		
Applications	▪ Coextrusion Coating ▪ Demanding Heat Seals ▪ Document Plastification	▪ Extrusion Coating ▪ Extrusion Lamination ▪ Food Packaging	▪ High Speed, Thin Weight Coatings ▪ Non-Woven Coating ▪ Thermal Lamination
Form(s)	▪ Pellets		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.915	g/cm³	0.915	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	12	g/10 min	12	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	183	°F	84	°C	ASTM D1525

Coating Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Draw Down (Constant output at 35 rpm)	240	m/min	240	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	1.4	in	3.6	cm	