

### 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)

### Applications

- General extrusion coating, extrusion lamination, co-extrusion coating, tandem extrusion coating.
- Extrusion coating applications, which are made at very low line speeds and demand thick coatings (requiring a very low neck-in).
- Coating on different substrates like paper, aluminum foil, flexible films (cellulose, polyamide, polyester,...).
- Excellent blend partner for linear polymers.
- Food packaging
- Photographic paper

Additive Package	Antiblock	Slip	Thermal Stabilizer
LD 200.48	No	No	No

Resin Properties	Test Based On	Typical Value / Unit	
Melt Index	ExxonMobil Method	7.5 g/10 min	
Density	ExxonMobil Method	0.915 g/cm <sup>3</sup>	
Peak Melting Temperature	ExxonMobil Method	104°C	219°F
Vicat Softening Point	ASTM D1525	85°C	185°F

### Coating Properties<sup>1</sup>

Neck-in at 50 m/min (164 ft/min) (Constant output at 35 rpm, 295°C, 563°F)	ExxonMobil Method	3.5 cm	1.4 in
Neck-in at 100 m/min (328 ft/min) (Constant output at 35 rpm, 295°C, 563°F)	ExxonMobil Method	3.2 cm	1.3 in
Draw Down (Constant output at 35 rpm, 295°C, 563°F)	ExxonMobil Method	110 m/min	360 ft/min
Draw Down (Constant output at 65 rpm, 295°C, 563°F)	ExxonMobil Method	145 m/min	475 ft/min

1. Typical values obtained on a pilot co-extrusion line at ExxonMobil Chemical Europe technical centre at an air gap of 170 mm (6.7 in).

LD 200.48 can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply.

\*\*\* The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.