

Product Data

TITANLENE LDC800YY FOR EXTRUSION COATING

CHARACTER	LDC800YY is a low density polyethylene resin for extrusion coating and is a barefoot grade. LDC800YY meets the U.S. Food and Drug Administration (FDA) criteria for food contact use as specified in 21 CFR 177.1520 (c) 2.1 & (c) 2.2.
APPLICATIONS	Coating for all substrates.
ADVANTAGES	Good drawdown, good heat sealability and adhesion properties.

<u>TYPICAL RESIN PROPERTIES</u>	<u>UNIT</u>	<u>LDC800YY</u> ^(a)	<u>ASTM METHOD</u> ^(b)
Melt index	g/10 min	3.5	D1238
Density	g/cm ³	0.920	D1505
Vicat softening point	°C	87	D1525
Neck-in (constant output 50m/min, 295°C)	cm	8	(c)

BARRIER PROPERTIES

MVTR(90% RH, 37.8°C, 25μm)	g/m ² /24h	18	F372
O ₂ GTR	$\frac{10^4 \text{cm}^3 \mu\text{m}}{\text{m}^2 \text{ 24hr atm}}$	22	D3985

(a) Values shown are typical and are not to be considered as specifications.

(b) ASTM test methods are latest under the Society's current procedures.

(c) Internal method

Processing conditions

Melt temperature : 270 - 340°C

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