

# Product Data

## TITANLENE LDC801YY FOR EXTRUSION COATING

**CHARACTER** LDC801YY is a low density polyethylene resin for extrusion coating and is a barefoot grade. LDC801YY 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** Excellent drawdown, good heat seability and adhesion properties.

<u>TYPICAL RESIN PROPERTIES</u>	<u>UNIT</u>	<u>LDC801YY</u> <sup>(a)</sup>	<u>ASTM METHOD</u> <sup>(b)</sup>
Melt index	g/10 min	7	D1238
Density	g/cm <sup>3</sup>	0.920	D1505
Vicat softening point	°C	86	D1525
Neck-in (constant output 50m/min, 295°C)	cm	9	(c)
<b><u>BARRIER PROPERTIES</u></b>			
MVTR(90%RH, 37.8°C, 25µm)	g/m <sup>2</sup> /24h	18.5	F372
O <sub>2</sub> GTR	$\frac{10^4 \text{cm}^3 \mu\text{m}}{\text{m}^2 \text{24h atm}}$	23	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

LOTTE CHEMICAL TITAN (M) SDN. BHD.

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