LOTTE CHEMICAL TITAN

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.

TYPICAL RESIN PROPERTIES	UNIT	TITANLENE LDC801YY [a]	ASTM METHOD [b]
Melt index	g/10 min	**7**	D1238
Density	g/cm^3	**0.920**	D1505
Vicat softening point	°C	**86**	D1525
Neck-in (constant output 50m/min, 295°C)	cm	**9**	(c)
BARRIER PROPERTIES			
MVTR(90%RH, 37.8°C, 25µm)	$g/m^2/24h$	**18.5**	F372
O_2GTR	$\frac{10^4 cm^3 \mu m}{m^2\ 24h\ atm}$	**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

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