

Product Data

TITANLENE LDF260GG FOR FILM EXTRUSION

- CHARACTER** LDF260GG is a low density polyethylene resin for film extrusion. LDF260GG has medium slip and anti-block additives. LDF260GG 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** Laundry film, Textile packaging, Produce film, Diaper backing.
- ADVANTAGES** Good drawdown and excellent processability.

<u>TYPICAL RESIN PROPERTIES</u>	<u>UNIT</u>	<u>TITANLENE LDF260GG</u> ^(a)	<u>ASTM METHOD</u> ^(b)
Melt index	g/10 min	5	D1238
Density	g/cm ³	0.922	D1505
Vicat softening point	°C	93	D1525
<u>TYPICAL FILM PROPERTIES</u> ^(c)			
Tensile strength at Break MD/TD	kg/cm ²	200 / 180	D 882
Ultimate elongation MD/TD	%	250 / 440	D 882
1% Secant modulus MD/TD	kg/cm ²	1900 / 2100	D 882
Elmendorf tear strength MD/TD	g/μm	9.5 / 4	D 1922
Dart drop impact	g/μm	2.5	D 1709
Haze	%	7	D 1003

(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) Film properties are typical blown film of 30 microns extruded at 2.5:1 BUR.

Processing conditions

Melt temperature : 160 - 180°C
BUR : 2.5 : 1

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