



ITAN PETCHEM (M) SDN. BHD.

(Co. No. 154990 W)
(Formerly known as Titan PP Polymers (M) Sdn. Bhd.)

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Product Data Sheet

TITANLENE LDF260GG

LOW DENSITY PE FOR EXTRUSION FILM

MELT INDEX 5

DENSITY 0.922

APPLICATIONS	ADDITIVES	FEATURES
-Laundry film -Textile packaging -Produce film -Diaper backing	-Medium slip -Antiblock	-Good drawdown -Excellent processability

TYPICAL PHYSICAL PROPERTIES			
RESIN PROPERTIES	UNIT	TYPICAL VALUE ^(a)	ASTM METHOD ^(b)
Melt Index	g/10 min	5	D1238
Density	g/cm ³	0.922	D1505
Vicat softening point	°C	93	D1525
FILM PROPERTIES ^(c)			
Tensile strength at Break MD/TD	kg/cm ²	200/180	D882
Ultimate elongation MD/TD	%	250/440	D882
1% Secant modulus MD/TD	kg/cm ²	1900/2100	D882
Elmendorf tear strength MD/TD	g/μm	9.5/4	D1922
Dart drop impact	g/μm	2.5	D1709
Haze	%	7	D1003

(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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