



# TITAN PETCHEM (M) SDN. BHD.

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

## Product Data Sheet

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### TITANLENE LDF265YZ

LOW DENSITY PE FOR EXTRUSION FILM

MELT INDEX 0.33

DENSITY 0.922

APPLICATIONS	ADDITIVES	FEATURES
-Heavy duty sacks -Shrink film -Construction film	-Barefoot	-Excellent mechanical properties -Good processability

TYPICAL PHYSICAL PROPERTIES			
RESIN PROPERTIES	UNIT	TYPICAL VALUE <sup>(a)</sup>	ASTM METHOD <sup>(b)</sup>
Melt Index	g/10 min	0.33	D1238
Density	g/cm <sup>3</sup>	0.922	D1505
Vicat softening point	°C	97	D1525
FILM PROPERTIES <sup>(c)</sup>			
Tensile strength at Break MD/TD	kg/cm <sup>2</sup>	220/200	D882
Ultimate elongation MD/TD	%	490/620	D882
1% Secant modulus MD/TD	kg/cm <sup>2</sup>	1800/2000	D882
Trouser tear MD/TD	g/μm	9/8.5	D1938
Dart drop impact	g/μm	4	D1709

(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 150 microns extruded at 1.5:1 BUR.

#### Processing conditions:

Melt temperature : 160 - 190°C

BUR : 1.5 :1

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