



# 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<br>-Shrink film<br>-Construction film | -Barefoot | -Excellent mechanical properties<br>-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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