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

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Product Data Sheet

TITANZEX HF7000

HIGH DENSITY PE FOR EXTRUSION FILM

MELT INDEX 0.05

DENSITY 0.953

APPLICATIONS	FEATURES
-Very thin reinforcing film -Grocery bags -Merchandize bags -Disposal waste bags -Shopping bags	-Excellent processability -Excellent draw down capability -High film strength and rigidity

TYPICAL PHYSICAL PROPERTIES			
RESIN PROPERTIES	UNIT	TYPICAL VALUE ^(a)	ASTM METHOD ^(b)
Melt Index	g/10 min	0.05	D 1238
Density	g/cm ³	0.953	D 1505
MECHANICAL PROPERTIES ^(c)			
Tensile strength at Break MD/TD	kg/cm ²	800/550	D882
Ultimate elongation MD/TD	%	250/660	D882
1% Secant modulus MD/TD	kg/cm ²	13000/12000	D882
Elmendorf tear strength MD/TD	g/μm	0.3/3	D1922
Dart drop impact	g/μm	11	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 17 microns extruded at 4:1 BUR.

Processing conditions:

Melt temperature : 180 - 240°C

BUR : 4:1

Frost line height : 7 - 12 times die diameter

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