



Producer: Sidi Kerir Petrochemicals Co. (SIDPEC) /Egypt

HD 5301 FB

Description:

HD 5301 FB is a high density polyethylene grade with a broad molecular weight distribution. This grade has been especially developed for the production of very thin film with high tensile strength and stiffness.

Typical characteristics are:

- Excellent drawdown capability.
- Good extrude ability.
- High stiffness.
- High tensile strength.

Applications:

- Strong thin film.
- Carrier bags.
- Grocery sacks.

PROPERTIES	METHOD	UNIT	VALUE
Resin Properties			
Melt Index (MFI), 190° - 2,16 Kgs	ISO 1133	g/10min	0.05
Density @ 23° C	ISO 1872/1	g/cm ³	0.953
Tensile strength at yield MD/TD	ISO R 1184	Mpa	32/29
Tensile strength at break MD/TD	ISO R 1184	Mpa	57/65
Elongation at break MD/TD	ISO R 1184	%	450/400
Tear Strength MD/TD	ASTMD 1922-67	g/25 mic	20/28
Dart impact strength	ASTMD 1709-75	g	130