



Technical Data sheet for Protective film

Description

Our protective 200micron film is produced with 100% VIRGIN LDPE material which is sufficiently rigid for different applications such as, moisture protection, covering purposes and wrapping.

Properties

POLYMER PROPERTIES	VALUE	UNIT	TEST METHOD
Melt flow index	0.33	g/10 min.	ASTM D-1238
Density @ 23 C	0.923	g/cm3	ASTM D-792
Crystalline Melting point	111	Celsius	ASTM E-794
Vicat Softening point	97	Celsius	ASTM D-1525

(Film properties stated above have been obtained using 40 µm blown films laboratory test specimens produced under following conditions: 45 mm screw with L/D = 30, die diameter 120 mm, die gap 1.56 mm, BUR 2.5:1).

POLYMER PROPERTIES	VALUE	UNIT	TEST METHOD
Tensile strength @Yield MD/TD	12/12	Mpa	ASTM D-882
Tensile strength @Break MD/TD	34/27	Mpa	ASTM D-882
Elongation @ Break MD/TD	410/65	%	ASTM D-882
Impact Strength, F 50	115	g	ASTM D-1709
Tear resistance MD/TD	70/40	N/mm	ASTM D-1922
Puncture Force	51	N	Internal Method
Coefficient of Friction	0.9	-	ASTM D-1894
Haze	7	%	ASTM D-1003
Gloss	61	-	ASTM D-2457

Handling & Storage

This product should be stored in their original packaging or in clean appropriate silos.

The products should be stored in a dry and well-ventilated area and should not be exposed to direct sunlight and/ or heat in any form since this may adversely affect their properties.

Safety

Under normal conditions this product do not present a toxic hazard through skin contact or inhalation.