



PT. PELITA MEKAR SEMESTA
Plastic Recycle Industry

Technical Data Sheet

Sapphire LLEF 55 B

LLDPE-E FILM NATURAL



Description

Linear Low-Density Polyethylene in natural pellet, produced from post industrial and post consumer films.

Application

This product is suitable mostly for all blown film applications.

Product is typically used in :

- Plastic bags and sheets .
- Plastic wrap, stretch wrap.
- Consumer, industrial and agricultural product.
- General purpose packaging film.

Material Properties

	Test Method	Value	Unit
Physical			
Density	ISO 1183	0.93 - 0.95	g/cm ³
Rheological			
Melt Flow Rate (190 °C / 2.16 kg)	ISO 1133	0.98 - 1.89	g/10 min
Ash content	ISO 3451	< 1	%
Tensile Strength	ISO 527	2.45	mm ²
	ISO 527	68.28	N (F max)
	ISO 527	27.87	MPa
Other			
Moisture Content		<1	%
Filtration		120	mesh
Melt Temperature Range		140 - 250	°C

Note :

The information is offered solely as a guide for your consideration and investigation based on our current knowledge and experience. Product properties may be changed without notice. These properties are should not be construed as binding specifications limits or minimum values

The suitability of the data for a specific processing method can only be ensured with investigations and tests by the end user.