



PT. PELITA MEKAR SEMESTA
Plastic Recycle Industry

Technical Data Sheet

LDPE INJECT NATURAL SUPER

LDPE BOTTLE NATURAL



Description

Low Density Polyethylene (LDPE) in natural pellet, produced from post industrial and post consumer bottles.

Application

This product is suitable mostly for all blown film applications.

Product is typically used in :

- Industrial packaging.
- General purpose packaging hardware.
- bottle & caps

Material Properties

	Test Method	Value	Unit
Physical			
Density	ISO 1183	0.92 - 0.94	g/cm ³
Rheological			
Melt Flow Rate (190 °C / 2.16 kg)	ISO 1133	0.35 - 0.49	g/10 min
Melt Flow Rate (190 °C / 5.00 kg)	ISO 1133	1.51 - 2.02	g/10 min
Ash content	ISO 3451	<1	%
Tensile Strength	ISO 527	5.02	mm ²
	ISO 527	78.07	N (F max)
	ISO 527	15.59	MPa
Other			
Moisture Content		<1	%
Filtration		120	mesh
Melt Temperature Range		190 - 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.

FACTORY: Raya Desa Sumpat, Kec. Driyorejo, Gresik 61177, INDONESIA **Tel:** +62 31 759 1000 (Hunting), 759 0202 **Fax:** +62 31 759 2020
Email: info@pelitamekarsemesta.com **Web:** www.pelitamekarsemesta.com