



PT. PELITA MEKAR SEMESTA
Plastic Recycle Industry

TECHNICAL DATA SHEET

LDPE BLOWN MOULDING NATURAL SUPER
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Description

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

Application

This product is suitable mostly for all moulding applications.

Product is typically used in :

- Medium sized moulding
- Containers, enclosures, caps, lids

Material Properties

	Test Method	Value	Unit
Physical			
Density	ISO 1183	0.90 - 0.95	g/cm ³
Ash content	ISO 3451	< 1	%
Tensile Strength	ISO 527	min 12	MPa
Elongation	ISO 527	min 500	%
Melt Temperature Range		105 - 130	°C
Rheological			
Melt Flow Rate (190 °C / 2.16 kg)	ISO 1133	0.50 - 2.25	g/10 min
Melt Flow Rate (190 °C / 5.00 kg)	ISO 1133	2.60 - 8.17	g/10 min
Other			
Moisture Content		< 1	%
Filtration		80	mesh

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.

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