



PT. PELITA MEKAR SEMESTA
Plastic Recycle Industry

Technical Data Sheet

MDPE BLACK

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Description

Medium Density Polyethylene (MDPE) in black pellet, produced from post consumer plastics films.

Application

This product is suitable mostly for all blown film applications.

Product is typically used in :

- Industrial packaging.
- Heavy duty bags.
- General purpose packaging hardware.
- 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	0.52 - 0.80	g/10 min
Melt Flow Rate (190 °C / 5.00 kg)	ISO 1133	2.27 - 3.24	g/10 min
Ash content	ISO 3451	< 1	%
Tensile Strength	ISO 527	5.47	mm ²
	ISO 527	118.90	N (F max)
	ISO 527	21.72	MPa
Other			
Moisture Content		<1	%
Filtration		60	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.