



PT. PELITA MEKAR SEMESTA  
Plastic Recycle Industry

## TECHNICAL DATA SHEET

### HDPE BLOWN MOULDING MESRAN RED d HDPE BLOWN MOULDING RED

ISO 9001 : 2015

Scope of Certification

MANUFACTURING OF RECYCLED PLASTICS

Certificate No : ID003528



#### Description

High Density Polyethylene (HDPE) in blue pellet, produced from post consumer bottle and jerry can.

#### Application

This product is suitable mostly for all blown film applications.

Product is typically used in :

- Bottles, Including for industrial chemicals or oils.
- Natural gas distribution pipe system.

#### Material Properties

	Test Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.95 - 0.98	g/cm <sup>3</sup>
Ash content	ISO 3451	< 1	%
Tensile Strength	ISO 527	min 15	MPa
Elongation	ISO 527	min 100	%
Melt Temperature Range		150 - 170	°C
<b>Rheological</b>			
Melt Flow Rate (190 °C / 2.16 kg)	ISO 1133	0.10 - 0.50	g/10 min
Melt Flow Rate (190 °C / 5.00 kg)	ISO 1133	0.60 - 1.00	g/10 min
<b>Other</b>			
Moisture Content		< 1	%
Filtration		100	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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