



PT. PELITA MEKAR SEMESTA  
Plastic Recycle Industry

# TECHNICAL DATA SHEET

## HB 88 U p HDPE BLOW NATURAL



### Description

High Density Polyethylene (HDPE) in natural pellet, produced from post consumer HDPE bottles .

### 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	0.93 - 0.98	g/cm <sup>3</sup>
Ash content	ISO 3451	< 1	%
Tensile Strength	ISO 527	min 15	MPa
Elongation	ISO 527	min 50	%
Melt Temperature Range		120 - 130	°C
<b>Rheological</b>			
Melt Flow Rate (190 °C / 2.16 kg)	ISO 1133	0.18 - 0.35	g/10 min
Melt Flow Rate (190 °C / 5.00 kg)	ISO 1133	0.80 - 1.70	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.

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

Revised date : 1 Desember 2023