



**PT ECOBUKIT RECYCLE INDONESIA**

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*Subsidiary of PT Bukitmega Masabadi*

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INDONESIA

## **PRODUCT DATA SHEET**

### **Procylen<sup>®</sup> HDE684**



|                        |   |  |
|------------------------|---|--|
| Product Code           | : | HDE684   |
| Product Grade          | : | r - HDPE Natural KW 1 MFI < 3  |
| Product Format         | : | Granule/Pellet   |
| Description            | : | HDE684 is a post-industrial recycled high-density polyethylene (HDPE) characterized by a melt flow index of less than 3 (measured at 190°C, 2.16 kg) and exhibits yellowish or greyish appearance. |
| Application            | : | Suitable for applications like compounding, extrusion and blow molding, including pipes, films, and bottles  |
| Processing Temperature | : | From 180 to 220 °C   |
| Packaging              | : | Supplied in 25 kgs plastic woven bag.  |

| Specification               | Unit               | Value             | Method      |
|-----------------------------|--------------------|-------------------|-------------|
| Melt Index (190 °C/2.16 kg) | g/10 min           | < 3.00            | ASTM D 1238 |
| Density                     | kg/cm <sup>3</sup> | 955 ± 0.5%        | ASTM D 1505 |
| Bulk Density                | kg/m <sup>3</sup>  | 550 – 600         | TM-BC-003   |
| Moisture Content            | %                  | < 0.1             | TM-BC-002   |
| Color                       | -                  | Yellowish/Greyish | Visual      |
| # Granule per gram          | -                  | 50 – 60           | TM-BC-001   |

|         |   |  |
|---------|---|--|
| Storage | : | The container is tightly closed and stored in a cool, dry and dust free area and protected from direct sunlight and/or heat. |
|---------|---|--|

*Disclaimer: Procylen is a registered trademark of PT Ecobukit Recycle Indonesia. The information provided herein is based on our knowledge as of the specified date. Our technical recommendations apply exclusively to the indicated product and do not constitute a guarantee of specific quality. We advise customers to conduct their own tests to verify suitability and performance. This technical data sheet supersedes and replaces any prior versions.*

Prepared by Product Stewardship

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