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## PRODUCT DATA SHEET

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Issue date: 1 July 2004

### HDPE MASTERBATCH RANGE

<b><i>Product Code</i></b>	MB 12345 AHD
<b><i>Description</i></b>	High density polyethylene based masterbatch suitable for high density polyethylene.
<b><i>Application</i></b>	Can be formulated to suit most processes by altering the rheology of the base polymer to suit the moulding process.

#### **PROPERTIES (typical values)**

<b><i>Recommended addition rate</i></b>	1% - 2%
<b><i>Polymer grade</i></b> <i>(used for colour match)</i>	not applicable
<b><i>Form supplied</i></b>	strand cut granules
<b><i>Moisture content</i></b>	Less than 0.3% when packed
<b><i>Polymer carrier type</i></b>	High density polyethylene
<b><i>Polymer carrier MFI</i></b>	<i>generally</i> we use a grade of polymer that is of a higher flow than the grade of polymer being processed.

<b><i>Heat stability</i></b>	Range - 200°C - 280°C (depending on the pigments used)
<b><i>Light fastness</i></b>	3 - 8 ( <b>Blue wool scale</b> ) (depending on the pigments & ingredients used)
<b><i>Packaging</i></b>	Masterbatch is normally supplied in 25kgs polypropylene woven bags.
<b><i>Food contact status</i></b>	Can be formulated to meet any requested standard including the Australian Standard AS2070.1999 – Plastics used in contact with food.
<b><i>Storage</i></b>	Store in a cool, dry storage area.
<b><i>Shelf life</i></b>	If kept in a cool, dry storage area, the shelf life of masterbatch is indefinite.