



PRODUCT DATA SHEET

Issue date: 1 July 2004

ACETAL MASTERBATCH RANGE

Product Code	MB 12345 AAL
Description	Acetal based masterbatch suitable for Acetal processing.
Application	Can be formulated to suit most processes by altering the rheology of the base polymer to suit the moulding process.

PROPERTIES (typical)

Recommended addition rate	1% - 5%
Polymer grade (used for colour match)	as specified
Form supplied	strand cut granules
Moisture content	Less than 0.3% when packed NOTE: we recommend that the masterbatch be dried prior to processing.
Polymer carrier type	Acetal
Polymer carrier MFI	generally we use a grade of polymer that is of a higher flow than the grade of polymer being processed.

<i>Heat stability</i>	Range - 200°C - 250°C (depending on the pigments & ingredients used) <u>WARNING</u> – excessive shear or heating of acetal causes rapid polymer breakdown to toxic products
<i>Light fastness</i>	3 - 8 (<i>Blue wool scale</i>) (depending on the pigments & ingredients used)
<i>Packaging</i>	Masterbatch is normally supplied in 25kgs polypropylene woven bags.
<i>Food contact status</i>	Can be formulated to meet any requested standard including the Australian Standard AS2070.1999 – Plastics used in contact with food.
<i>Storage</i>	Store in a cool, dry storage area.
<i>Shelf life</i>	If kept in a cool, dry storage area, the shelf life of masterbatch is indefinite.