PRODUCT DATA SHEET

PPB 129

CAH Issue 1A (July2011)

SPECIFICATION MATERIAL DATA

Product Reference	Nominal Composition	
Black Masterbatch PPB 129 This masterbatch is supplied in free flowing pellet form packed in 25 Kg polyethylene bags. Material should be stored under dry, cool conditions.	Carbon black content	40%
	Carbon black type	Conductive
	Carrier	PP

Use

PPB 129 can be used either by feeding polymer and masterbatch into the processing equipment hopper directly or by preblending.

The amount of masterbatch added is dependent upon the required carbon black level in the final compound. This can be calculated as follows:-

% PPB 129 added = (required carbon black level / 40) x 100

Typical Physical Properties

Property	Test Method	Typical Value
Specific Gravity	BS 2782:509A	1.20
Melt Index g/10 mins (10.0Kg at 230℃)	BS 2782:720A	3.0
Surface Resistivity	HTM 54B	<100 Ohm/cm

Applications

Black masterbatch PPB 129 is based on a carbon black which offers excellent weathering and conductive properties. PPB 129 possesses high opacity and is easy to process making it ideal for many applications, including compounding and moulding.

PPB 129 ensures a total uniform dispersion of carbon black, whilst removing possible contamination problems associated with raw pigment.

Parameter	Test Method	Units	Limits
Carbon black content	TGA under Nitrogen (HTM 17 or HTM 30)	%	38 - 42
Filter dispersion	HTM40 (Agg on a 100 mesh screen after extruding 5 g of m/b)	agg	30.0Max
Melt flow index	BS 2782:720A 10.0Kg at 230℃	g/10 mins	1.0 Min
Moisture content	Weight loss at 105℃ at time of packing (HTM 35)	%	0.2 Max
Pellet size (1)	Visual examination against pellet standards	---	max to min
Pellet size (2)	Pellets greater than 4 mm (HTM 38) Pellets less than 2 mm (HTM 38)	% %	3.0 Max 4.0 Max

The information in this sheet is to the best of our knowledge true and accurate. But all instructions, recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.