

PRODUCT REFERENCE: PE 48/101

DESCRIPTION: PE 48/101 is a high quality black masterbatch containing a small particle size furnace carbon black. It uses a specially developed carrier system based on low density polyethylene. This product also contains a specific antioxidant/thermal stabilizer system intended to reduce gel formation during extrusion. This product **meets** the new food contact regulation 2007/19/EC and is therefore **suitable** for any food contact application.

APPLICATIONS: High quality silage stretch film using tackifiers such as PIB and requiring excellent dispersion quality and maximum resistance to UV degradation. It has been successfully used in film extrusion down to 20 micron thickness in single layer films (12 micron during subsequent stretching). It has also been used successfully in 3 layer co-extrusion systems. The polymer carrier system has been formulated to give excellent dilution in LLDPE polymers without compromising processability.

ADDITION RATE: 5 to 6 % for optimum UV protection and opacity

PIGMENT TYPE: Small particle size furnace carbon black.

TYPICAL PROPERTIES:

Pigment content: 40 %

Melt flow rate: 10 g/10 min. (190 ° C/10 kg)

Bulk density: 650 kg.m⁻³

Packaging: **PE 48/101** is supplied packed in 25kg polyvalve bags or in octaboxes of 500 or 1000kg. It should be stored in a clean dry area.

For Health and Safety information, please refer to the appropriate COLLOIDS Material Safety Data Sheet.

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