



# DOUGLAS BAKER PLASTICS LTD

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## PRODUCT DATA SHEET

PRODUCT REFERENCE:	DBM/PE1/2801
PRODUCT DESCRIPTION:	Black Masterbatch
ADDITION RATE:	1% - 5%
BASE RESIN:	LDPE
PIGMENT HEAT STABILITY:	300 °C (Approximate - actual temperature depends on dwell time)
LIGHT FASTNESS:	8 (Blue Wool scale 8-1)
PIGMENTS:	Carbon Black.
MFI:	65g/10 mins (21.6Kg at 190°C)
SPECIFIC GRAVITY:	1.65
COLOUR TOLERANCE:	Production batches are a close visual match to the approved standard. When compared to the standard by colour computer, production batches should achieve a Delta E measurement of 1.0 or lower.
PIGMENT DISPERSION:	Injection moulded samples made during quality control procedures should show no evidence of significant Pigment agglomerates.
PELLET QUALITY:	Free flowing, free from significant fines and oversize.
MOISTURE:	0.2% or lower.
FOOD APPROVAL:	Suitable for use in applications involving direct food contact.
QUALITY APPROVALS:	Douglas Baker Plastics Ltd operate a quality system that complies with the requirements of BS EN ISO 9001:2000.