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TECHNICAL DATA SHEET

PRODUCT NAME: BROWN MASTERBATCH

PRODUCT GRADE: IM001139001

General Description

IM001139001 is a brown PE-based masterbatch containing brown pigment for use in polyolefin resins. Brown IM001139001 is designed for ease of dispersion and is therefore suitable for direct addition and mixing with plastic resins in mixer, without the necessity of prior drying. It is designed for use in PE and PP for the production of films, sheets, plates, hollowing, blow molding and direct injection molding in the shaper.

Technical Analysis

Physical Property

Items	Method of experiment	Unit	Standard
Carrier Resin	DSC		PE
Pigment Content		wt%	35
MFI (190°C/2.16kgs)	ASTMD1238	g/10mins	5-25
Density	ASTM D1895	g/cm ³	1.3
Moisture Content	ASTM D644	%	0.05
Melt Temperature	DSC	°C	120-140

Properties:

Compatibility PE, PP

Processing Technique Injection Molding, Blowing Film

Application Rate 1 – 8 % masterbatch depending on desired effect

Packing 25 kg/bag

Storage Keep at dry condition

Medical Norm

Attain the Safety Norm for Health and Foodstuff issued by Vietnam Directorate for Standards and Quality allow the decision 3339/2001/QD-BYT promulgated by Vietnam Ministry of Health. Safety apply for handling process. No healthy damage infected.

Important note: *The above values are for reference only and should not be used for specification. These values are intended as a general guide and do not represent any warranty or guarantee of particular performance.*