



BIOF-36 COMPOSTABLE MASTERBATCH

Technical Data Sheet - Provisional

BIO-F36 is a bio-filler master-batch made with thermally stable polyester base polymer combination. This masterbatch contains ultra fine mineral fillers homogenously dispersed in the bio-degradable base polymer matrix along with required package of special additives for smooth processing and stability. The base polymer used in this grade is chosen for easy dispersion of the master-batch in compostable polymer combinations containing PBAT / PLA / STARCH or other compostable polymers.

USAGE

- BIO-F36 can be dry blended directly with the major polymer/s used to make the films / bags
- Indicative dosage is in the range of 20 – 60 wt.%
- Final dosage to be optimized as per requirements

ADVANTAGES

- Good compatibility with most of the available compostable / bio-degradable polymer systems
- Significant cost reduction achieved by simple dry blending with regular recipe
- DPIL ensures homogenous dispersion of fillers & additives in all the grades
- Low inventory cost
- Possible to process in conventional polyolefin processing film extruders

TECHNICAL SPECIFICATION

Properties	Test method	Unit	Typical value
Melt flow index @ 190°C / 2.16 kg.f	ASTM-D-1238	gm / 10min	0.60 – 1.20
Moisture Content	Internal Method	%	≤ 0.10
Specific Gravity @ 25°C	ASTM-D-792	-	1.85 – 1.90

Main application: Compostable / biodegradable version of Carry bags / Other packaging applications

Storage : The material shall be kept in a cool and dry place.

Form : Pellets

Package : 25 kg bags

DISCLAIMER:

The above Technical Data Sheet presents information and data, true and accurate to the best of our knowledge. No warranty express or implied can be made regarding performance or otherwise.

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