

MI B-33

Compostable Filler for use with Compostable Polymer



Product Information

Compostable Filler
Version 1.0
September 2019

Product Description

In recent years, bioplastic has become a prominent trend of the world plastic industry. As a result of plastic ban, the trend of using bioplastic is increasing. Meeting that demand, Masterpack Industries has launched Compostable Filler under the name MI B-33. MI B-33 is our compostable filler which is made of calcium carbonate and compostable polymer as carrier.

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Applications

PLA is a bio-polyester which degrades with moisture due to hydrolysis and fillers contain calcium carbonate that is hydroscopic. With the development of MI B-33, the situation has changed. MI B-33 has lesser amount of moisture adsorption. We recommend the utilization rate of 20% in total production material which can be extended upto 80%. MI B-33 is often used for blown film for biodegradable/ compostable shopping bags, rolling film, food bags, industry bags and other compostable items.

Technical Specs

Sr.No.	Property	Unit	MI B-33
1	Melt Flow Index (MFI) at 190°C	g/10 min.	1.85
2	Density (23°C)	g/cc	1.64
3	Compostable Polymer	-	33%
4	Calcium Carbonate	-	67%
5	Packaging	kgs	25

Note

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