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TECHNICAL DATA SHEET

Injection molding series

BPP-51RJ Bio-Based PP Compound

Homopolypropylene (PP) is compounded with rice product attaining 51% biomass content designed for injection molding products. Rice, natural product, is insteaded with the aim to provide the content of renewable raw material and reduce green house gas emissions. BPP-51RJ can be processed with conventional injection molding machine.

Product description: BPP-51RJ is a series of compound consisting rice content of 51% with a milky yellowish to white apprearance. Intended to be used for injection molding. For example, dinner ware, basket, comp, plates, staionnary, and etc.

Preparations: It is recommended to use fresh, unopened bags during processing.

Technical data:

Properties (Units)	Value	Test method
Polymer carrier	Homo-PP	N/A
Density (g/cm^3)	1.10	ASTM D 792
Melt flow index, 230°C/2.16kg (g/10min)	6.40	ASTM D 1328
Moisture Content (ppm)	940	Internal method
Bulk density (g/cm^3)	0.66	Internal method

Standard packaging: BPP-51RJ Bio-based PP compound will be delivered in 25kg loose bags. All packagings includes barrier layer to prevent moisture uptake. Product will be arranged on top of wooden pallets for handling.

Storage instruction: Product should be stored under dry, cool conditions protected from direct sun light. Storage life time is one year at a max. temperature of 25°C. Other storage conditions may impair the quality of the compound.

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