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BPP-30HJ and BPP-45HJ Bio-Based PP Compound

Homopolypropylene (PP) is compounded with Bio-Filler attaining 30% and 45% biomass content designed for injection molding process. Biomass filler is used with the aim to provide the content of renewable source and reduce green house gas emissions. BPP-30HJ and BPP-45HJ can be processed with conventional injection molding machine.

Product description: BPP-30HJ and BPP-45HJ series are compounded consisting biomass content of 30% and 40% with brown appearance. Intended to be used for injection molding products. For example, dinner ware, basket, comp, plates, stationary, and etc.

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

Technical data:

Properties (Units)	Typical		Test method
	BPP-30HJ	BPP-45HJ	
Polymer carrier	Homo-PP		N/A
Density (g/cm ³)	0.89	1.06	ASTM D 792
Melt flow index, 230°C/2.16kg (g/10min)	37.4	27.7	ASTM D 1328
Moisture Content (ppm)	< 1000		Internal method
Bulk density (g/cm ³)	0.51	0.60	Internal method

Standard packaging: BPP-30HJ and BPP-45HJ Bio-based PP compound will be delivered in 20kg 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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