

282 Moo 2 Phraek Sa Mai, Amphoe Mueang  
 Samut Prakan, Samut Prakan 10280, Thailand  
 Tax ID : 0115559016356  
 Website: Unique-polymer.com

### *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 <sup>3</sup> )	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 <sup>3</sup> )	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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