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## *Bio-based Polypropylene (Injection molding)*

Biobased polymer compounds designed for injection molding. Produced using biomass filler that are made from natural resources with the aim to reduce the carbon footprint and the impact of petroleum-based plastics. Intended to be use for general purpose applications and can be used as-received on conventional manufacturing equipment

**Product description:** BPP series bio-based resins are compounded with biomass fillers which provides good balance of strength and cost while reducing carbon footprint. Intended to be used with injection molding machines.

**Preparations:** Recommended to minimize exposure to environment.

**Technical data:**

Properties (Units)	BPP-15RJ	BPP-30RJ	BPP-30RJ Proflow	Test method
Polymer carrier	PP-HOMO			N/A
Biomass filler	Rice Powder			N/A
Density (g/cm <sup>3</sup> )	1.01	1.05	1.06	ASTM D 792
Melt flow index, 190C/2.16kg (g/10 min)	8.36	10.12	21	ASTM D 1328
Moisture Content (PPM)	<1000	<1000	<1000	Internal Method
Bulk Density (g/cm <sup>3</sup> )	0.62	0.65	0.65	Internal Method

**Standard packaging:** BPP bio-based compounds will be delivered in 25kg PE bags. All packagings includes barrier layer to prevent moisture uptake. Product will be arranged on top of wooden pallets for handling.

**Storage instruction:** Prevent contact with soil, water and avoid exposure to direct sunlight and extreme temperature. Unopened, well packaged bags should be used within 12 months under good storage condition and ambient temperature of 23°C.

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