



## Technical Data Sheet (BP Straw Comp)

### Product Description :

BP Straw Comp is a compostable compound containing PLA AND PBAT for profile extrusion process. Designed especially for Ubend straws.

### Product Properties :

<b>Physical Properties</b>			
Property	Test Method	Units	Results
Specific Gravity	ASTM D792	Gm/cm <sup>3</sup>	1.25-1.42
Melt Flow MFR 190°C, 2.16 kg	ASTM D1238	Gm/10 min	2 – 7
Melting Point	DSC	°C	195/220

<b>Mechanical Properties</b>			
Tensile Strength (MD)	ASTM D882	MPa	30.5
Elongation at Break (MD)	ASTM D882	%	4
Flexural Modulus	ASTM D882	MPa	2000
Flexural Strength	ASTM D1922	MPa	50
Impact strength (Charpy), RT	ASTM D1922	kJ/m <sup>2</sup>	No break

### Applications :

BP Straw Comp extrusion grade resin is suitable for extrusion application such as sheets and straw applications including straight shafted and bend straws

### Storage :

Recommended to be stored under a temperature of 35°C in Dry conditions. To be kept away from direct sunlight.

### Processing Parameters :

Bp Straw Comp can be processed by pre-drying the material at 65° for 2 hours. Processing temperatures; Barrel Zones : 220° – 195°C & Die Head : 200°C