

DATA SHEET / SPECIFICATIONS STIFFENING MASTERBATCH ST PP 4

ST PP 4 is a stiffening masterbatch used in blends with conventional polypropylene for the manufacture of BOPP films. ST PP 4 improves a broad range of properties particularly desirable in polypropylene films applications :

- High stiffness
- Very good deadfold characteristics, twist retention
- Very good optical properties
- Better dimensional stability
- Improved gas and humidity barrier properties
- Improved sealability

TYPICAL PROPERTIES

<i>Appearance</i>	<i>Tranparent glossy pellets</i>	
<i>Melt Index (230°C / 2.16 kg)</i>	<i>Aprox. 13</i>	<i>MO1-700*</i>
<i>Specific gravity (g/cm³)</i>	<i>0.94</i>	<i>MO13-700*</i>
<i>Moisture content (ppm)</i>	<i>< 500</i>	<i>MO27-700*</i>

* POLYTECHS internal method

USAGE

Typically, ST PP 4 is used for snack food packaging, cigarette packaging and twist wrap for sweets. ST PP 4 is suitable for dilution into most of the PP resins generally recommended for production of clear BOPP films.

RECOMMENDED ADDITION RATES

Typical addition levels of ST PP 4 are approx. 15-30% in the core layer for food and cigarette packaging, depending on the required film quality. To get the twist wrap packaging for sweets, it is recommended to add a minimum of 40% ST PP 4.

FOOD CONTACT STATUS

ST PP 4 complies with major food contact regulations. Contact us for more information

PACKAGING

Masterbatch is packed in 25 kg PE bags on shrink-wrapped pallets of 1625 kg.

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The masterbatch is available for sale in Asia (except in Japan and South Korea). It is not available for sale in Europe, neither it is in America (North America and South America), or in Australia.