

DATA SHEET / SPECIFICATIONS
STIFFENING MASTERBATCH
ST PP 5

ST PP 5 is a stiffening masterbatch used in blends with conventional polypropylene for the manufacture of BOPP films. ST PP 5 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>Approx. 50</i>	<i>MO1-700*</i>
<i>Specific gravity (g/cm³)</i>	<i>0.95</i>	<i>MO13-700*</i>
<i>Moisture content (ppm)</i>	<i>< 500</i>	<i>MO27-700*</i>

* POLYTECHS internal method

USAGE

Typically, ST PP 5 is used for snack food packaging, cigarette packaging and twist wrap for sweets. ST PP 5 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 5 are approx. 12-24% 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 32% ST PP 5.

FOOD CONTACT STATUS

ST PP 5 complies with major food contact regulations. Contact us for more information

PACKAGING

Masterbatch is packed in 25 kg PE sacks on shrink-wrapped pallets of 1375 kg.

ED. 10/2010

POLYTECHS does not warrant either expressly or implicitly, that the manufacturing, sale, use, importation, exportation and/or possession of products derived from the bases offered for sale by POLYTECHS do not infringe patents, exclusive rights or property rights of a third party. The buyer shall use such derived products at his own risk. The buyer shall defend himself against any infringement lawsuit brought by a third party against him because of the manufacturing, use, importation, exportation and/or possession of such derived products, at his own expenses and benefits, and will deny himself to claim any warranty towards POLYTECHS because of such action.