

DATA SHEET / SPECIFICATIONS
ST PP 7

ST PP 7 is a stiffening masterbatch used in blends with conventional polypropylene for the manufacture of BOPP films. ST PP 7 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

SPECIFICATIONS

<i>Type of Control</i>	<i>Specifications</i>	<i>Control Method</i>
<i>Specific gravity (g/cm3)</i>	<i>0.95 – 0.98</i>	<i>MO13-700*</i>
<i>MFI (230°C, 2.16 kg)</i>	<i>50 – 70</i>	<i>MO1-700*</i>
<i>% Moisture</i>	<i>< 500 ppm</i>	<i>MO27-700*</i>
<i>Pellet size</i>	<i>TBD</i>	<i>MO69-700*</i>
<i>Pellet weight</i>	<i>TBD</i>	<i>MO69-700*</i>

* *Polytechs internal method*

RECOMMENDED ADDITION RATES

Typical addition levels of ST PP 7 are approx. 5-15% 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 17% ST PP 7.

FOOD CONTACT STATUS

In consideration with the information we get from the suppliers of the raw materials, ST PP 7 is suitable for food contact applications according to the guides outlined by the FDA 177.1520.

PACKAGING & STORAGE

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

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