

TGP STRETCH FILM : SF24

Technical Data Sheet

This Compostable Stretch Wrap is made from 100 percent compostable materials and provides excellent mechanical and barrier properties, suitable for eco-conscious packaging applications.

Key Features:

- Compostable
- High Stretch Capability
- Enhanced Clarity
- Tear Resistant

Technical Specifications:

Physical Properties	Test Method	Unit	Typical Value
Specific Gravity(23°C)	ASTM D 792-20	g/cc	1.24
Color	Visual	-	Transparent
Mechanical Properties			
Tensile strength at break (MD)	ASTM D882	MPa	30-34
Tensile strength at break (TD)	ASTM D882	MPa	12-16
Elongation at Break (MD)	ASTM D882	%	400
Elongation at Break (TD)	ASTM D882	%	700
Modulus (MD)	ASTM D882	MPa	40-70
Modulus (TD)	ASTM D882	MPa	39-46
Stretch Ratio	Internal Method	%	300
Cling	Internal Method	-	Good

Notes:

*Typical values are not to be taken as specifications.

*Typical values such as film properties are with 15-20 µ film made with 1 mm die gap & 2.0 BUR.

The information provided in this document is true to the best of our knowledge. Changes in Processing parameters can change the values. Users are advised to consider current patents, national or international, before processing. Only licensed manufacturers are allowed to use the polymer. Unauthorized distribution of granules or products shall be considered a punishable offense. TGP Bioplastics does not take any responsibility for any legal action on such persons or companies.

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Storage & Shelf Life

- Store below 38°C in a cool, dry place
- Avoid direct sunlight and moisture
- Shelf life: 12 months

Applications:

- Pallet wrapping
- Protective packaging
- Logistics and supply chain packaging

Regulatory Compliance:

Meet the requirements prescribed in ISO 17088 .The grade and the additives incorporated in it also comply with the FDA standards.Complies with relevant national and regional regulations for compostable materials

Quality System Compliance:

Representative products undergo inspection and quality control throughout the entire production process, adhering to applicable product standards and internal QC SOP.