

HP550J TDS

HP550J is a polypropylene homopolymer particularly suitable for the extrusion of sheet for thermoforming, film yarn and monofilament.

Combining outstanding processability with good mechanical properties, HP550J PP is designed for the production of films that can be converted into stretched tapes for weaving applications.

Typical Applications

Shift sheet for High quality thermoformings such as vending cups, packaging dairy products and trays for fruit, biscuits and chocolates Raffia, tapes, strapping, mats and artificial grass, brush and broom filling and technical Applications, nets for various purposes.

Textile film yarns with a denier count of not more than 1100 to 1200 and are used for the production of carpet backing, bags, industrial fabrics, mats and artificial grass. Film yarn with a denier count ranging from 3000 to 28000 is used for baler twines, packaging twines and ropes.

[PP HP550J](#) is suitable for food contact.

Technical Specification

Typical properties	Unit	Value	Test method(ASTM)
MFR @230°C, 2.16 kg	gr/10min	3	D1238/L
Flexural Modulus	Mpa	1350	D790
Notched Izod Impact@23°C	J/m	35	D256
Tensile Strength@Yield	Mpa	35	D638
Elongation@Yield	%	12	D638
Vicat Softening Point,10N	°C	156	D1525
HDT(0.46N/mm ²)	°C	94	D648
Rockwell Hardness	R.Scale	102	D785
Oven Aging@150°C	Hours	360	D3012