



HP550J|T30S

Polypropylene 550J

T 30 S is a polypropylene homopolymer particularly suitable for the extrusion of sheet for thermoforming, film yam and monofilament. T 30 S combines outstanding processability with good mechanical properties. T 30 S is designed to produce stiff sheet for high quality thermofonmings such as vending cups, packaging for dairy products and trays for Fruit, biscuits and chocolates. T 30S is also particularly suitable to produce film yam, with both-cast and tubular processes Textile film yams with a denier count of not more than 1100 to 1200 and are used for the production of carpet backings, bags, industrial fabrics, mats and artificial grass. Film yam with a denier count ranging from 3000 to 28000 is used for baler twines, packaging twines and ropes. T 30 S is also well suited for the production of monofilament used for Instance for brush and broom filling and technical applications. Another typical application of T 30 S is the extrusion of nets for various purposes.

Producer:

Marun Petrochemical Company

No	Property	Value	Units	Test Method
Physical Properties				
1	Melt flow index (230°C, 2.16 kg)	3.2	Dg/min	ISO 1133
2	Density	0.9	g/cm ³	ISO 1183
Mechanical Properties				
3	Flexural Modulus	1550	N/mm ²	ISO 178
4	Tensile Strength at	35	N/mm ²	ISO R527
5	Elongation at Yield	12	%	ISO R 527
6	Izod Impact Strength (notched) at 23°C	55	KJ/m ²	ISO 180
7	Hardness Shore D	102	points	ISO 868
Thermal Properties				
8	Vicat Softening Point (9.8 N)	156	°C	ISO 306/A
9	H.D.T. (0.46 Mpa)	94	°C	ISO 75/B
10	Accelerated Oven Ageing in Air at 360	360	hours	1S04577