



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

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Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Moplen T30SW (Fibre)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	3
Flexural Modulus	D790	Mpa	1500
Notched Izod Impact@23°C	D256	J/m	45
Tensile Strength@Yield	D638	Mpa	36
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	153
HDT(0.46N/mm ²)	D648	°C	95
Oven Aging@150°C	D3012	Hours	360

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

Moplen T30SW is a polypropylene homo-polymer for the production of film yarn and monofilament. Moplen T30SW features outstanding process ability and low water carry-over properties.

Moplen T30SW is particularly suitable for the high speed extrusion of film yarn for industrial fabrics, heavy duty bags, ropes, carpet backing and twines.

The product is also suitable for production of water-quenched blown film and monofilament.

* Moplen T30SW is suitable for food contact.