



Arak Petrochemical Company



ISO 9001:2000

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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 <sup>2</sup> )	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.