



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 S38FT (BOPP Film)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	1.8
Flexural Modulus	D790	Mpa	1450
Notched Izod Impact@23°C	D256	J/m	60
Tensile Strength@Yield	D638	Mpa	36
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	94
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen S38FT is a homo-polymer designed for the production of biaxial oriented polypropylene films.

Moplen S38FT has excellent process ability on tubular lines.

Films produced by **Moplen S38FT** feature good mechanical properties and excellent barrier against moisture, odours oils, fats and oxidation and feature high transparency, high gloss and good printability after corona treatment.

Monolayer films made of **Moplen S38FT** are used for general packaging such as food and textiles packaging, flower wrappings and also their major use are in adhesive tapes.

BOPP film made with **Moplen S38FT** is also suitable for lamination to other flexible films.

* **Moplen S38FT** is suitable for food contact.