



Arak Petrochemical Company



ISO 9001:2000

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Polypropylene

Moplen S38F (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 S38F is a homo-polymer designed for the production of biaxial oriented polypropylene films.

Moplen S38F has been designed to provide a very stable extrusion on stenter and double bubble lines and to give excellent thickness control, increased draw ability and readiness to a two way orientation.

BOPP films produced by Moplen S38F feature good mechanical properties, high impact strength and puncture resistance, even at low temperatures. The films form an 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 S38F with a thickness ranging from 20 to 50 micron are used for food packaging, textiles packaging and flower wrappings.

Monolayer films with a thickness of 25 to 45 micron find their major use in adhesive tapes.

BOPP film made with Moplen S38F is also suitable for lamination to other flexible films.

* Moplen S38F is suitable for food contact.