



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Moplen F39S (Fibre)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	12
Flexural Modulus	D790	Mpa	1600
Notched Izod Impact@23°C	D256	J/m	35
Tensile Strength@Yield	D638	Mpa	37
Elongation@Yield	D638	%	11
Vicat Softening Point, 10N	D1525	°C	155
HDT(0.46N/mm ²)	D648	°C	97
Oven Aging@150°C	D3012	Hours	250

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

❖ Main application & Characteristics:

Moplen F39S is a polypropylene homo-polymer designed for the production of heavy denier staple fibres.

Moplen F39S is general purpose with high gas-fading resistance.

Moplen F39S is suitable for wool staple fibre and heavy denier CF multifilament.

* Moplen F39S is suitable for food contact.