



Arak Petrochemical Company



ISO 9001:2000

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Polypropylene

Moplen H30S (Extrusion Coating & Injection)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	35
Flexural Modulus	D790	Mpa	1600
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	36
Elongation@Yield	D638	%	10
Vicat Softening Point, 10N	D1525	°C	154
HDT(0.46N/mm ²)	D648	°C	96
Rockwell Hardness	D785	R.Scale	93
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen H30S is a very high flow polypropylene homopolymer with very narrow molecular weight distribution suitable for injection moulding and extrusion coating applications.

Moplen H30S combines high stiffness with glossy coatings and good adhesion. Typical applications are high speed coating of woven polypropylene film yarn fabrics and paper coating.

It is also well suited for injection moulding applications such as household articles, toys and packaging.

* Moplen H30S is suitable for food contact.