



ARAK PETROCHEMICAL COMPANY



ISO 9001:2000
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Certificate No.: CH03/0112

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Certificate No.: CH05/0675

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Polypropylene homo-polymer

Moplen HP565S

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	38
Flexural Modulus	D790	MPa	1250
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	MPa	32
Elongation@Yield	D638	%	10
Vicat Softening Point,10N	D1525	°C	151
HDT(0.46N/mm ²)	D648	°C	91
Rockwell Hardness	D785	R Scale	95
Oven Aging@150°C	D3012	Hours	250

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

❖ Main application & Characteristics:

Moplen HP565S is a narrow MWD polypropylene homo-polymer manufactured using the Spheripol process. It has excellent draw ability and spins ability properties, and is particularly suitable for production of fine denier spun bond non-woven.

Potential end use applications of **Moplen HP565S** include diapers and sanitary napkins, apparel covers, wet tissues, shopping bags and agricultural-use textiles, non-woven fabrics for industrial and medical applications, backing and lining for furniture and carpet industries.

Moplen HP565S can be evaluated in applications that need Anti-Gas Fading performance.

* **Moplen HP565S** is suitable for food contact and medical applications.