

SHAZAND Petrochemical Company

## POLY PROPYLENE

### Moplen HP565S (Fibre)

Typical properties	Test method (ASTM)	Unit	Value
MFI@230°C, 2.16 kg	D 1238/L	gr/10min	38
Flexural Modulus	D 790	MPa j/m	1600
Tensile Strength@Yield	D 256	Mpa	30
Tensile Modulus	D 638	%	38
Elongation@Break	D 638	°C	8
Flexural Modulus	D 1525	°C	153
Hardness Shore D	D 648	R.Scale	100
Charpy Impact Resistance (Notch)	D 785	Hours	98
Oven Aging @ 150°C	D 3012		150

¾ Values shown are averages & are not to be considered as product specifications.

#### ™ Main application & Characteristics:

Moplen HP565S is a high melt flow rate homo polymer with a narrow molecular weight distribution for the high speed production of low denier continuous filament for spun-bonded, nonwoven fabrics.

The major application for spunbonded fabrics made of Moplen HP565S are diapers, medical and sanitary tissues, protective fabrics for agricultural, industrial, and medical applications, backing and lining for the furniture and carpet industries

This grade can also be used for the production of partially oriented yarn, bulked continuous filament and thin wall packaging.

Moplen HP565S is suitable for food contact.



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