

SHAZAND Petrochemical Company

## POLY PROPYLENE

### Moplen F20S (Fibre)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	11
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 <sup>2</sup> )	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 F20S is a polypropylene homo-polymer designed for the production of medium-low denier staple fibres.

Moplen F20S is a medium gas fading resistance and it is suitable for BCF and CF multifilament, medium-low denier staple yarn and triobe sections.

\* Moplen F20S is suitable for food contact.



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