

## Technical Data Sheet

### Moplen HP562T



Polypropylene, Homopolymer

#### Product Description

Moplen HP562T is a polypropylene homopolymer resin, very high melt flow with narrow MWD, low gel, good gas fading resistance, consistently excellent processability. Typical customer applications are spunbonded nonwoven fabrics with high speed spin continuity of low denier fiber, used for hygiene products, agriculture, geotextiles.

<b>Application</b>	Hygiene Nonwoven; Wipes/Tissues
<b>Market</b>	Textile
<b>Processing Method</b>	Continuous Filament/Spinning; Spunbond
<b>Attribute</b>	Gas-fading Resistant; Homopolymer; Narrow Molecular Weight Distribution

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	60	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1390	MPa	ASTM D790
Tensile Strength at Yield	34	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	14	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	107	°C	ASTM D648