

## Technical Data Sheet

### Moplen HP501N



Polypropylene, Homopolymer

#### Product Description

Moplen HP501N is a polypropylene homopolymer.

Moplen HP501N is used by customers for technical compounds.

**Market**                      Compounding

**Processing Method**        Compounding

**Attribute**                    Medium Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	1400	MPa	ISO 178
Tensile Modulus, (23 °C)	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield	34	MPa	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	155	°C	ISO 306