



## Moplen HP420J

### Polypropylene, Homopolymer

#### Product Description

Moplen HP420J is a polypropylene homopolymer manufactured using the Spheripol process. It is particularly suitable for BOPP, with potential end use applications in general purpose packaging, lamination film and adhesive tape.

#### Product Characteristics

Test Method used	ASTM
Processing Methods	BOPP
Features	High Clarity, High Gloss , Good Processability, Good Stiffness , Good Stretchability
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt Flow Rate	ASTM D 1238	3	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	1350	MPa
Tensile Strength @ Yield	ASTM D 638	32	MPa
Tensile Elongation @ Yield	ASTM D 638	11	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	36	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	96	°C