



**NAME: EP-S31HP**

**Product Description:**

Moplen EP-S31HP is a hetero-phasic polypropylene copolymer with an exceptional mechanical properties balance. In comparison with standard polypropylene copolymers with the same fluidity, Moplen EP-S31HP offers some distinct advantages: Higher stiffness, Superior impact resistance both at room temperature and at low temperatures, excellent creep and deformation resistance, Very high dimensional stability.

**Applications:**

Baler twines, packaging twines and ropes.  
Brush and broom filling and technical applications.

**Typical data: (Table)**

Property	Unit	Typical Value	Test Method
MFI	Dg/min	6	ISO 1133
Density	g/cm <sup>3</sup>	0.9	ISO 1183
Flexural Modulus	N/mm <sup>2</sup>	1500	ISO 178
Tensile	N/mm <sup>2</sup>	34	ISO R527
Elongation	%	13	ISO R527
Izod Impact	Kj/m <sup>2</sup>	4	ISO 180
Hardness	point	71	ISO 868
Vicat	°C	155	ISO 306/A
H.D.T	°C	119	ISO 75/B

\* Typical Values: not to be construed as specifications

**Packing:** 25 Kg plastic bag