

EP-S31HP

1) Product Description: Moplen EP-S31HP is a heterophasic 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 .

2) Applications:

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

3) Typical data. (Table)

Property	Unit	Typical Value	Test Method
MFI	Dg/min	6	ISO 1133
Density	g/cm ³	0.9	ISO 1183
Flexural Modulus	N/mm ²	1500	ISO 178
Tensile	N/mm ²	34	ISO R527
Elongation	%	13	ISO R527
Izod Impact	Kj/m ²	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

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