

## SABIC PP 500P Polypropylene Homopolymer for Raffia Applications

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

**Product Description:** PP 500P is specially developed for producing stretched tapes with the following features: Consistent processability, Easy orientation, Low water carry over, Good mechanical properties. **Typical Applications:** PP 500P can be used for producing woven bags, flexible intermediate bulk containers, ropes & twines, carpet backing, geotextiles and concrete reinforcements. Information provided by SABIC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-PP-500P-Polypropylene-Homopolymer-for-Raffia-Applications.php](http://www.lookpolymers.com/polymer_SABIC-PP-500P-Polypropylene-Homopolymer-for-Raffia-Applications.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D792
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus, 1% Secant	1500 MPa	218000 psi	ASTM D790A
Izod Impact, Notched	0.250 J/cm	0.468 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
Vicat Softening Point	152 °C	306 °F	ASTM D1525B

Processing Properties	Metric	English	Comments
Processing Temperature	235 - 250 °C	455 - 482 °F	Barrel Temperature

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China